

2018 - 2022 Capital Improvement Plan



Sun Prairie, Wisconsin



CITY OF SUN PRAIRIE
DIRECTORY OF OFFICIALS
2017-2018

MAYOR

Paul Esser



Steve Stocker
Aldermanic District 1



Emily Lindsey
Aldermanic District 1



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Aldermanic District 2



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Aldermanic District 2



Michael Jacobs
Aldermanic District 3



Maureen Crombie
Aldermanic District 3



Mary Polenske
Aldermanic District 4



Al Guyant
Aldermanic District 4



2018-2022 Capital Improvement Plan

Aaron Oppenheimer

City Administrator

Connie DeKemper

Director of Administrative Services

Kristin Vander Kooi
Accounting Manager

Carrie Schneck
Budget Analyst

ADMINISTRATION

City Assessor
City Clerk
City Engineer
City Attorney
Director of Community Development
Sun Prairie Media Center Director
Director of Building Inspection
Director of Public Works
Director of Economic Development
EMS Director (*acting*)
Human Resources Director
Information Technology Director
Library Director
Recreation Director
Police Chief
Fire Chief
WWTP Superintendent
Sun Prairie Utilities Manager

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CITY OF SUN PRAIRIE

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June 5, 2017

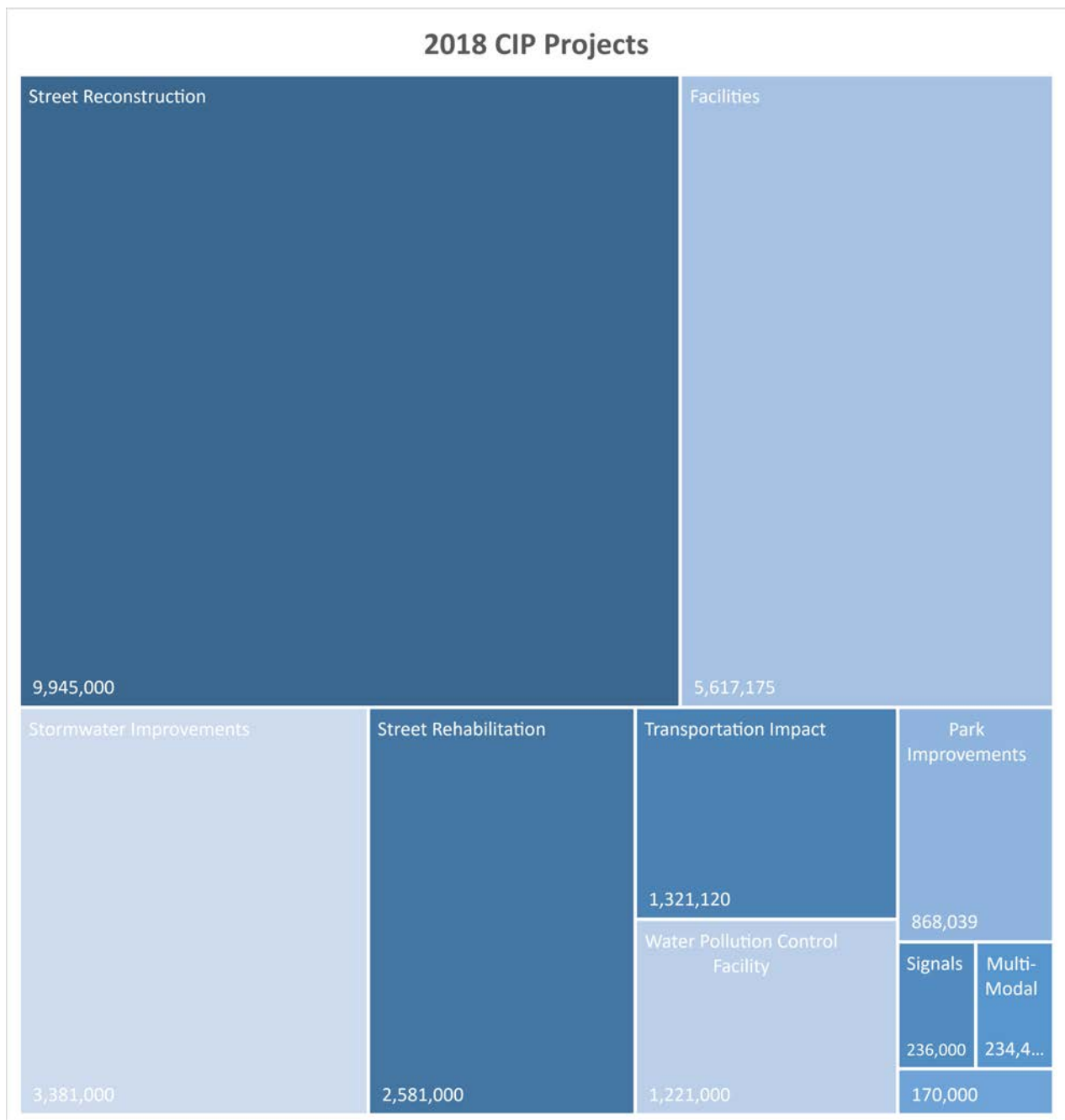
Honorable Mayor, Members of the City Council, and Citizens of Sun Prairie:

We are pleased to present to you the City of Sun Prairie's Five-Year Capital Improvement Plan for fiscal years 2018-2022 (CIP). This document identifies the strategic investments necessary to meet the City's goals. It is also intended to stimulate discussion to determine how the City can best allocate its limited resources to fund capital projects that will meet residents' needs and city standards.

Capital investments are critical in preserving our City's physical infrastructure, as well as deliver to our citizens the facilities and services they need. Capital investments provide safe neighborhoods, acceptable transportation corridors, sufficient wastewater treatment capacity, adequate parks, and quality recreation facilities.

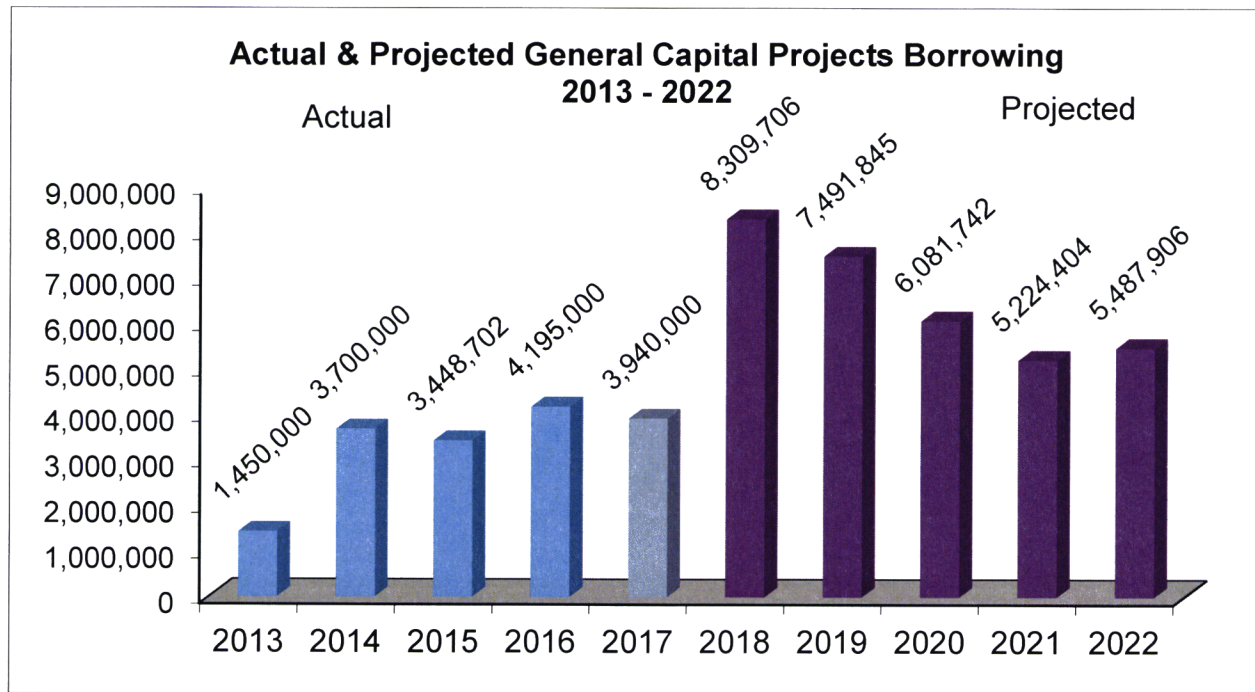
Throughout the planning process, a focus on financial integrity was maintained, as well as the preservation, maintenance, and improvements of the community's investment in buildings, vehicles, roads, utilities, parks, and equipment. Project priorities were assigned based upon need and funding sources. For example:

- Roadway initiatives for existing city streets comprise a significant portion of this plan. These initiatives range from total street reconstruction involving stormwater, waste water, and water main updates, to pavement rehabilitation projects involving new surface overlay to extend the life of the street.
- Parks and recreation initiatives that build, expand, and renovate existing community parks. Proposed initiatives will provide quality park lands and facilities for residents to enjoy their favorite sports and outdoor activities here in Sun Prairie.
- Building maintenance initiatives to update city facilities and make them more energy efficient. The plan includes initiatives to convert City Hall light fixtures to LED as well as install solar panels on the City Hall roof to provide green energy for electricity.



This document reflects the continuation of an ongoing effort to align the CIP process with best practices and includes refinements in the CIP policy, procedures, and format. These efforts aim to ensure consistency and fairness in the planning process, and reaffirm the city's commitment to long-term sustainability of our current assets as well as new improvements that accommodate growth. This year's highlights include:

- Update of the definition of a capital improvement expenditure to align with GFOA best practices.
- Creation of a Capital Improvement Plan Committee to prioritize initiatives.
- Developing funding strategies to align with the approved Debt Limit Policy. This results in some initiatives designated as unfunded in the years 2020 and 2021.



The City coordinates the development of the annual CIP with the development of the operating budget. The inclusion of a project within the first year of the CIP (2018) shows a strong intent to include that project in the annual budget for that year. Inclusion of projects in the remaining four years also shows intent, but these projects are subject to annual review and modification in subsequent years.

This document was developed by the Finance Department with the assistance of all city departments. We want to thank all those involved in the development of the Capital Improvement Plan for their hard work and dedication.

Sincerely,

Aaron Oppenheimer, ICMA-CM
City Administrator

Connie DeKemper
Director of Administrative Services

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Introduction

The City of Sun Prairie is committed to providing an annual Capital Improvement Plan (CIP) to aid in the decision making process for the annual budget and ensure the adequate acquisition, construction, maintenance, and improvements of capital assets. This document serves as a tool for determining the schedule of capital improvements and related financing. The CIP document outlines the City's intentions for improvements for the next five years to be used as a resource for residents, developers, intergovernmental partners and the business community. The CIP is a short and long-range plan for infrastructure development and investment in the City of Sun Prairie.

Goals of the CIP

The annual CIP is prepared with the guidance of the following goals:

- 1) Ensure that the City's annual capital budget and five-year capital improvement program is affordable and finances only necessary capital projects.
- 2) Enable informed capital investment decisions according to a fair, open, and objective process.
- 3) Emphasize the requirement for long-term planning.
- 4) Enhance the link between the capital and operating budgets.

City of Sun Prairie Mission Statement

To provide valuable, responsive, and cost-effective services that enable residents to enjoy a high quality of life.

City of Sun Prairie Vision Statement

We want to coordinate the development of a modern community that understands and has pride in its roots to the past. We want to help develop "homes" for the residents that live here, through the creation and maintenance of neighborhoods. Each neighborhood will be equal in importance but separate in its identity. Our school system will play a major factor in the development of the neighborhoods and will service as the community center. We want to help create harmony amongst all residents, where race and socio economic differences play no factor. We want everyone to feel that their personal safety is not at risk, whether they are at home or walking down the street.

- 5) Increase accountability by publishing a document that will identify individual projects to be funded during the capital-planning horizon.
- 6) Limit debt use to long-term capital improvements. Decrease reliance on debt in order to increase flexibility in difficult economic times.
- 7) Prioritize capital projects that have a high return on investment (ROI).
- 8) Prioritize capital projects that can be executed in a timely manner.

Relationship of the CIP to the Operating Budget

The City coordinates development of the annual CIP with the development of the operating budget. The inclusion of a project within the first year of the CIP shows a strong intent to include that project in the budget for that year. Inclusion of projects in the remaining four years also shows intent, but these projects are subject to annual review and modification in subsequent years. Funding for projects in the first year of the annual capital improvement budget is appropriated during the annual operating budget process. Future operating costs associated with new capital improvements or major equipment purchases are also projected and included in the operating budget as necessary.

CIP Development Process

The City Administrator and Director of Administrative Services initiate the CIP development process annually. Each Department manager maintains a schedule of current assets and develops the annual capital improvement budget for his or her respective department. Department managers are expected to base their requests on a long-term strategic plan that articulates the mission of their department and Department managers must update the plan annually. The Capital Improvement Plan Committee evaluates and scores capital projects to assist the Finance Department in preparation of the draft CIP to the Committee of the Whole. City policy requires the Committee of the Whole to act on the CIP by August 1st each year. When the final review of the annual CIP and budget is complete, the City Council approves the CIP.

Definition of Capital Expenditure

A capital improvement expenditure is defined as a planned activity that creates, improves, maintains, repairs or replaces a fixed asset; results in a permanent addition to the City's asset inventory valued at \$25,000 or greater; and has a useful life of more than 10 years. Project expenditures include all costs related to a project including, but not limited to, planning, engineering, legal, construction, inspection, and land acquisition expenses. Expenditures not meeting these criteria, or which have a useful life of less than the payback period of the funds to be borrowed, shall be included in the City's annual operating budget or equipment replacement program as applicable.

Departments and Project Worksheets

The CIP includes projects for the following departments/utilities:

Engineering	Parks	Waste Water Utility
Public Works	Library	Stormwater Utility
Planning	Building Maintenance	Fleet
Public Safety	Information Technology	Sun Prairie Utilities

A project detail worksheet is provided for each initiative in the CIP. Each worksheet includes the name of the project, department, project number, brief description, justification, prioritization, project costs and funding sources and any other supporting photos or maps as necessary.

Project Prioritization

Capital project requests and needs typically exceed available financing, and therefore have to be prioritized. The Capital Improvement Plan Committee met to review and prioritize the capital projects through a prioritization matrix with criteria outlined in the City's CIP Policy. Once the individual projects were prioritized, the projects were grouped into the following categories based upon the overall CIP Committee scores.

- **Mandatory (1):** Project is mandated by Federal or State law, regulation, court order, municipal agreement, or contract or is an immediate health and safety issue that must be addressed.
- **High Priority (2):** Project is a likely health and safety issue or may significantly affect operations or services that the City must address, at a minimum, within the next two to three years. A City plan, policy, or code must also identify the project as a requirement.
- **Average Priority (3):** Project is highly desired, but is likely not a health or safety issue. The City should address this project at least within the next five years. A City plan, policy, or code may identify the project as a priority.
- **Fairy Low Priority (4):** Project is more desirable than necessary and could be deferred several years before becoming an average or high priority. A City plan, policy, or code does not identify the project.
- **Future Consideration:** Project is clearly a long-term request, which is not necessary within the six-year planning period. Project is included for illustrative purposes only.

Other factors may come into consideration when prioritizing projects. For example, there may be a specific funding source that can be used only for a particular type of project within a specific timeframe. One project may be an integral part of another project that needs to be completed. A project may result in more economical or efficient delivery of services therefore saving money in the future. Finally, a project may take advantage of opportunities that exist currently that may not be available in the future.

Estimates of available debt capacity define the boundaries for the total capital budget. The Capital Projects plan estimates needs for five years into the future. Debt capacity for new capital projects is affected by several factors such as the amount of outstanding bonds, new bonds that must be sold to finance existing projects during the budget year, projected cash flow and interest rates. The Finance Department, in coordination with the CIP Committee, reviewed all initiatives and determined whether they could be funded per the City's approved Debt Management Policy.

Capital Improvement Plan Financing

The financing of capital projects includes a variety of funding sources. The use of the following revenue sources are evaluated as part of the CIP process:

- Property Tax Levy
- User Fees and Charges
- Donations
- Fund Balance or Reserves
- Tax Incremental Financing
- Intergovernmental Funding
(County, neighboring jurisdiction)
- Impact Fees
- Special Assessments
- Retained Earnings
- Debt Issuance
- Grants

Fund Balances

While the majority of projects within the CIP identify the use of general obligation debt for project financing, some projects utilize other existing funds. For example, the City has an established Park Fund, Westside Traffic Impact Fee Fund, TIF Funds, and other supporting funds. These resources use various funding mechanisms and are evaluated during the development of the CIP.



**SUN PRAIRIE
CAPITAL IMPROVEMENT PLAN
SUMMARY OF AMENDMENTS**

Debt Levy	2018	2019	2020	2021	2022	Total Changes
Patrick Marsh Land Purchase	(200,000)					
Williamson Ave. Reconstruction	(270,000)	270,000				
Allen Avenue Reconstruction	(270,000)	270,000				
Clements Avenue Reconstruction	(170,000)	170,000				
Westside Community Building Remodel (Design)	150,000					
Westside Community Building Remodel (Construction)		1,350,000				
Vandenburg Building Construction			(1,000,000)			
Cobblestone Court Pavement Rehabilitation			30,000			
Commerce Drive Pavement Rehabilitation			77,000			
Corporate Center Dr. Pavement Rehabilitation			166,000			
Craftsman Way Pavement Rehabilitation			175,000			
Dewey Street Pavement Rehabilitation			114,300			
Harwood Court Pavement Rehabilitation			29,000			
Hickory Court Pavement Rehabilitation			28,000			
Huntwick Court Pavement Rehabilitation			21,000			
Steven Street Pavement Rehabilitation			190,000			
O'Keeffe - Leopold Traffic Signals				(132,212)		
Library Parking Lot Design	(25,000)			25,000		
Library Parking Lot Construction		(170,000)			170,000	
City Service Center Parking Lot		(88,600)				
W Lane at S Bristol Parking Lot Replacement			(71,100)			
Renovate FAC Bathhouse/Upgrade Changing Room				(200,000)		
N Bristol St. Parking Lot Replacement				(28,500)		
Recycle Center Expansion					(120,000)	
Recycle Center Parking Lot Replacement					(130,100)	
Vandenburg Land Purchase	(100,000)	-	-	-	-	
	(885,000)	1,801,400	(240,800)	(335,712)	(80,100)	259,788
Debt Levy- Parks Changes						
Sunny Valley Park Playground Replacement	(37,900)			31,000		
Davison Park Playground Replacement- Original	(34,239)					
Davison Park Playground Replacement- Revised	27,250					
Blankenheim Park Playground Replacement	26,500	(29,334)				
Birkenbine Park Playground Replacement- Original		(27,891)				
Birkenbine Park Playground Replacement- Revised		27,000				
Hunter's Ridge Park Playground Replacement		37,000	(36,500)			
Stonehaven Park Playground Replacement- Original			(38,414)			
Stonehaven Park Playground Replacement- Revised			32,500			
Replace FAC Waterslide- UNFUNDED				(225,000)	400,000	
Grandview Park Playground Replacement			28,000	(28,000)		
Royal Oaks Park Playground Replacement- Original				(44,604)		
Royal Oaks Park Playground Replacement- Revised				40,000		
Pheasant Run Park Playground Replacement- Original					(26,700)	
Pheasant Run Park Playground Replacement- Revised					26,000	
Bathhouse Ceiling Stain			80,000			
Concession Stand Renovation	-	20,000	20,000	-	-	
	(18,389)	26,775	85,586	(226,604)	399,300	(133,332)
Total Debt Levy Changes						\$ 126,456
Park Fund						
Skate Park Additions- Original	(30,000)	(30,000)	(30,000)			
Skate Park Additions- Revised			90,000			
Liberty Square Park Shelter	150,000					
Smith's Crossing Park Shelter/Restroom	8,000	150,000				
Sheehan South Land Excavation	(450,000)					
Sheehan Park Trail Lighting	36,000					
Wyndham Hills Park Trail Lighting- Original		(28,000)	(28,000)			
Wyndham Hills Park Trail Lighting- Revised		28,000				
Reserve Plat Park Parking Lot			100,000			
Reserve Plat Dog Park Fencing				40,000		
Carriage Hills Estate Park Multi-Use Court				(50,000)		
Reserve Plat Park Shelter					(40,000)	
Pickle Ball Complex					(210,000)	
Bike Loop Wayfinding Signs		15,000	15,000	15,000		
Splash Pad		10,000	200,000			
Fox Point Multi-Use Court					50,000	
Threau Multi-Use Court					50,000	
Westwynde Multi-Use Court					50,000	
Hunter's Ridget Multi-Use Court	-	-	-	-	50,000	
	(286,000)	145,000	347,000	5,000	(50,000)	\$ 161,000
Fleet Fund						
Heavy Rescue Truck - Fire		(300,000)	(450,000)			
Rapid Attack Truck - Fire		400,000				
Pick-up Truck for Fire			50,000			
Car 4 replacement - Fire	-	-	50,000	-	-	
	-	100,000	(350,000)	-	-	\$ (250,000)

City of Sun Prairie, Wisconsin

**RESOLUTION APPROVING
THE 2018-2022 CITY OF
SUN PRAIRIE FIVE YEAR CAPITAL IMPROVEMENT
PLAN**

Presented: August 15, 2017

Adopted: August 15, 2017

Resolution No.: 17/183

RESOLUTION

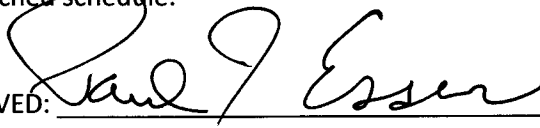
WHEREAS, on Tuesday, August 15, 2017 the Committee of the Whole met to consider the 2018-2022 City of Sun Prairie Five Year Capital Improvement Plan; and

WHEREAS, the Committee has carefully examined the same and various items therein and found them to be true and correct and to properly represent the 2018 – 2022 capital improvement projects anticipated; and

WHEREAS, the City of Sun Prairie Capital Improvement Policy indicates that the adoption of the plan constitutes the primary basis upon which the annual capital budget is formulated. Adoption of the annual budget will authorize appropriation of the capital improvement projects; and

WHEREAS, after careful review and discussion, on August 15, 2017, the Committee of the Whole moved to recommend that the City Council adopt a resolution approving the City of Sun Prairie Five Year Capital Improvement Plan for the years 2018-2022 as set forth in the attached schedule.

NOW THEREFOR BE IT RESOLVED, by the Common Council of the City of Sun Prairie, Dane County, Wisconsin, hereby approves the City of Sun Prairie, Dane County, Wisconsin Five Year Capital Improvement Plan for the years 2018-2022 as set forth in the attached schedule.

APPROVED: 

Paul T. Esser, Mayor

Date Approved: August 15, 2017

Date Signed: September 25, 2017

This is to certify that the foregoing resolution was approved by the Common Council of the City of Sun Prairie at a meeting held on the 15th day of August 2017, and submitted for signatures on the 25th day of September, 2017.


Elena Hilby, City Clerk

City of Sun Prairie Policy/Procedure

Title: Capital Improvement Policy	
Policy Source: Finance Department	Creation Date: January 17, 2017
Application: All Employees	Revision Date:
Indexed as: Capital Improvement	Total Pages: 4

1. General Policy

The purpose of this policy is the creation and preservation of the City's physical infrastructure including; roads and bridges, water, wastewater and stormwater systems; public buildings; parks and open spaces; and communication and information management equipment/infrastructure. Because these require a significant commitment of public resources, planning for capital improvements is a matter of prudent financial management. This Capital Improvement Policy provides the general principles under which the City's Capital Improvement Program (CIP) is developed and implemented.

2. Capital Project (*Definition*)

A Capital Project (CP) is defined as a planned activity that creates, improves, maintains, repairs or replaces a fixed asset; results in a permanent addition to the City's asset inventory valued at \$25,000 or greater; and has a useful life of more than 10 years. Capital Improvements usually involve one of the following actions:

- Acquisition of property, equipment, or debt financed assets;
- Construction of new facilities; and/or
- Rehabilitation, reconstruction, renovation or upgrade of an existing asset to a condition which extends its useful life and/or increases its capacity.

Included within the above definition of a Capital Improvement Project are the following items:

- Construction of new facilities
- Remodeling or expansion of existing facilities
- Purchase, improvement and development of land
- Street construction, reconstruction, resurfacing or road improvements
- Sidewalks, Bike Paths
- Water, wastewater and stormwater infrastructure
- Vehicles, Heavy Equipment, IT Infrastructure and Other Machinery and Equipment
- Planning, engineering and administrative costs related to specific capital improvements
- Equipment and furnishings purchased as a part of a capital project

Fleet rolling stock and equipment are excluded from the CIP Policy.

Projects meeting the above definition shall be eligible for consideration and inclusion in the annually updated Capital Improvement Plan. Any and all expenditures meeting the criteria for fixed assets as defined by the City's Fixed Asset Policy shall continue to be budgeted and accounted for as capital expenditures, however, will not be eligible for inclusion in the Capital Improvement Plan unless they meet the above definition of a capital project. Staff questions regarding the definition of a capital project should contact the Finance Department.

3. Capital Improvement Program (*Process Development*)

The Capital Improvement Program (CIP) is a five-year plan that identifies the City's prioritized investments in capital assets and corresponding financial plans. The Capital Improvement Program not only includes a list of projects, which the City intends to fund over the next five years, but also an explanation of how it will finance these projects. The City's objective is to meet the capital needs of the City in a manner that is most beneficial to the citizens.

The Capital Improvement Program functions as:

- A multi-year projection of the City's major capital needs.
- A formal mechanism for decision-making related to planning and budgeting for major capital acquisitions.
- A link to the City's long range plans concerning the economic and physical development of the community, and the provision of public services.
- A financial management tool identifying future financing requirements for major capital acquisitions over the planning period.
- A communications device for reporting to internal and external stakeholders the City's capital priorities, and plans for the implementing capital projects.

To meet these ends, the City follows three principals in developing the CIP and determining which of the projects would receive funding. These principles are to:

- Preserve Current Investments
- Account for Future Costs
- Limit Expenses Based on Priority

- A. ***Governing Body Approval:*** Annually the City Council will adopt a 5 year CIP. Prior to adopting the CIP, the City will hold a public hearing on the proposed CIP. The CIP does not impart spending authority for capital projects, but rather constitutes the primary basis upon which the annual capital budget is formulated.

The Committee of the Whole presents the CIP to the City Council. The Committee of the Whole will review the: department project requests, additions/changes to the CIP, financial assumptions, organizational capacity to complete the requests, and project

plans. Projects proposed for the CIP will be reviewed and prioritized by the Committee of the Whole before being forwarded to Council for approval.

- B. Responsibility:** The City's Finance Department will be responsible for coordinating and producing the annual Capital Improvement Plan. This includes but is not limited to establishing policies, procedures, schedules and deadlines for Capital Improvement Plan formulation, defining roles and responsibilities of CIP participants, obtaining relevant and reliable documentation and information for capital projects, establishing project evaluation criteria and rating systems, developing the CIP document for governing Body approval, and monitoring implementation of capital planning efforts.
- C. Review:** The Capital Projects will be reviewed by the Capital Improvement Plan Committee to assist the Finance Department prepare, and submit to the Committee of the Whole a Five-Year Capital Improvement Plan by June 1 annually. Additionally, the Committee of the Whole will act on the Capital Improvement Policy by August 1.

The committee will consist of the City Planner, Public Service Director, Economic Development Director, Public Works Director, Recreation Director, Sun Prairie Utilities Manager, Water Pollution Control Director and/or their designated staff. They shall meet to review and prioritize the capital projects in preparation for submission to the Committee of the Whole. The following criteria shall be considered in prioritizing projects:

1. Projects which are required by an existing agreement with another agency.
2. Projects which are essential to public or employee health or safety.
3. Projects which would result in significant savings in operating costs currently impacting the General Fund.
4. Projects which would make an existing facility more efficient or increase its use with minimal or no operating cost increase.
5. Projects which would provide new facilities with minimal or no operating costs.
6. Projects which would generate sufficient revenue to be essentially self-supporting in their operation.
7. Projects which would fulfill a City commitment (evidenced by previous inclusion in the Capital Improvement Plan and community support) to provide minimal facilities in areas which are deficient according to adopted standards.
8. Projects which would fulfill City Commitment (evidenced by previous inclusion in the Capital Improvement Plan and community support) to provide greater than minimal facilities.
9. Purchase of land for future projects at favorable prices prior to adjacent development.
10. Purchase of land for future City projects (landbanking).
11. Projects which have CIB expenses in future years, with no increase in General Fund operating costs continuation of a ten-year cycle street maintenance program).

12. Projects which are grant funded and would have minimal or no operating cost impact on the General Fund.
13. Projects which are grant funded but would requires increased operating costs in the General Fund.
14. Projects which are not grant funded and would require increased operating costs in the General Fund.

D. Document:

- I. In order to evaluate the merits of capital project requests and to allow each project due process in evaluations, capital projects proposed during the annual CIP process shall be accompanied, at a minimum, by the following information:
 - a. Project Title, Physical Description, and Definition of Scope
 - b. Demonstration/Justification of Need
 - c. Project Schedule
 - d. Capital Cost Estimate
 - e. Statement of Impact on the Operating Budget
 - f. Relationship to other Planned Projects
 - g. Project's Department Rank Priority
 - h. Recommended/Anticipated Funding Sources
- II. The operating budget impact and the debt service impact will be incorporated into a forecast report.
- III. Ensure that "abandoned" projects are clearly explained and labeled.

4. Project Financing:

The City recognizes that an effective capital funding strategy requires consideration of a broad mix of funding mechanisms, including but not limited to debt financing, grants, and revenue offsets to reduce the impact on local property taxes. The City will maintain a balanced mix of financing sources without excessive reliance on any one source, and shall consider the following factor in evaluating the suitability of funding options for particular projects:

1. Legality
2. Equity
3. Effectiveness
4. Acceptability
5. Affordability
6. Ease of Administration
7. Efficiency

- A. Debt Financing:** The City will confine long-term borrowing to capital improvements or projects, which cannot be financed from current revenue. Projects financed by issuing bonds will be paid back within a period not to exceed the expected useful life of the

projects. Long-term debt will not be used for current operations. The City will set a debt limitation, (please see the City's Debt Management Policy) review it annually, and maintain its debt in compliance with the limitation.

- B. Intergovernmental grants and Private Donations:** The City will seek to leverage such resources whenever available provided those capital projects identified are consistent with capital improvement plans and City priorities, and whose operating impact have been documented in operating budget forecasts.

5. Maintenance and Replacement of Capital Equipment/Facilities

The City will move towards the development of an asset preservation plan to maximize the assets' useful life and minimize future maintenance and replacement costs. An inventory of the City's assets, including their condition will be developed and maintained.

The City will move towards the establishment of a future maintenance/replacement reserve account (segregated by fund and program).

CITY OF SUN PRAIRIE DEBT MANAGEMENT POLICY

Title: Debt Management Policy	
Policy Source: Committee of the Whole	Creation Date:12/06/2016
Application: Financial Management	Revision Date:
Indexed as: Debt Management Policy	Total Pages: 8

1. Statement of Policy. The City recognizes that the foundation of any well-managed program of capital financing is a comprehensive debt management policy. A debt policy sets forth the parameters for issuing debt and managing outstanding debt and provides guidance to decision makers regarding the timing and purposes for which debt may be issued, types and amounts of permissible debt, method of sale that may be used and structural features that may be incorporated. The debt policy recognizes a binding commitment to full and timely repayment of all debt as an intrinsic requirement for entry into the capital markets. Adherence to the debt policy helps the City to maintain a sound debt position and protect its credit quality. Further advantages of a debt policy are:

- a. Enhances the quality of decisions by imposing order and discipline.
- b. Promotes consistency and continuity in decision making.
- c. Rationalizes the decision-making process.
- d. Identifies objectives for staff to implement.
- e. Demonstrates a commitment to long-term financial planning objectives.
- f. Is regarded positively by the rating services in reviewing credit quality.

2. Capital Improvement Planning. The City will develop and maintain a multi-year Capital Improvement Plan (CIP) for consideration and adoption by the City Council. The CIP will be for the coming five fiscal years and will be updated periodically. The CIP will contain the following information:

- a. A description of each project.
- b. A listing of the expected sources of funds for each project.
- c. Estimated timing for each project.

- d. An analysis of the debt financing required and the conformance of the planned financings with policy targets and the economic and fiscal resources of the City to bear such indebtedness over the next five years.

3. Limitations on Issuance of Debt

a. Legal Limits.

- i. General Obligation (G.O.) Debt Limit. The total principal amount outstanding of debt obligations carrying the G.O. pledge of the City may not exceed an amount equal to five percent of the City's equalized value (including any tax increments) as determined by the Wisconsin Department of Revenue. As identified in the "Affordability Targets" section of this policy, the City has imposed on itself a more restrictive direct debt burden limitation. If the City must issue debt as a result of an emergency situation such as recovery from a natural disaster, these limits will not be considered applicable to that debt.
- ii. Purpose and Authority. Debt obligations may be issued by the City under the authority of, and for the purposes defined in the following Chapters or Sections of the Wisconsin Statutes:
 - 1. Chapter 24 – State Trust Fund Loans
 - 2. Chapter 67 – G.O. Bonds and Notes
 - 3. Section 67.12(1)(a) – Tax and Revenue Anticipation Notes
 - 4. Section 66.0621 – Revenue Obligations
 - 5. Section 66.1335 – Housing and Community Development
 - 6. Section 66.0701 through 66.0733 – Special Assessment B Bonds

b. Public Policy Limits.

- i. Purposes of Debt Issuance. In determining whether a particular project is appropriately financed with debt obligations, the City Council will consider the following public policy objectives:
 - 1. It is the intent of the City to cash fund projects, in whole or in part, as an alternative to debt financing when practical. It is recognized, however, that most major projects will contain some element of debt financing. This also serves to promote taxpayer equity by amortizing the costs of improvements over their useful lives, providing the City the ability to charge those benefiting from the improvements over time.

2. The City may issue debt obligations to purchase capital assets and to fund infrastructure improvements when current revenues or fund balance/retained earnings are unavailable or reserved for other purposes.
 3. The City may also issue debt obligations to provide funds for the implementation of economic development projects. These types of projects will normally be undertaken within a tax incremental district, with debt service repaid from future tax increment collections.
 4. The City will not issue long-term debt obligations to provide funds for operating purposes. Issuance of short-term debt obligations to finance operating expenses will only be considered in the event of an extreme financial emergency.
- ii. Use of Derivatives. Derivatives are financial contracts or financial instruments whose value is derived from the value of something else (known as the underlying instrument). The City will, as a general practice, not enter into contracts and financing agreements involving interest rate swaps, floating/fixed rate auction or reset securities or other forms of debt bearing synthetically determined interest rates. The only type of derivative that will be considered for use by the City would be a State and Local Government Series (SLGS) Securities investment offered by the US Treasury or a Guaranteed Investment Contract (GIC) when used in conjunction with an advance refunding of the City's debt. The interest rate earned on time deposit SLGS securities is one basis point below the current estimated Treasury borrowing rate for a security of comparable maturity. Generally the City will always use SLGS for advance refunding escrow accounts but in the event that SLGS are not available from the US Treasury, the City would consider the use of a GIC but only after competitive proposals are taken from at least three vendors for same.

c. Financial Limits.

i. G.O. Debt.

1. Affordability & Debt Profile Targets. To provide for a capital financing program that is sustainable based on the financial resources of the City, and to further maintain a credit profile that will allow the City to maintain or improve its current rating on outstanding debt issues, the following affordability and debt profile targets are established.
 - a. Direct Debt Burden. The total direct debt principal outstanding at the end of each budget year will not exceed 1.75% of the

City's total equalized value for that year. Direct debt is defined as the total amount of outstanding G.O. and lease revenue debt principal less that portion of the principal that the City expects to abate with revenues of its water, sewer, storm water and electric utilities and further assuming utility user rates are maintained at a level that will generate net revenues in a sum sufficient to abate the payments.

- b. Percentage of Total Tax Levy Allocated for Debt Service. The portion of the City's total tax levy that will be used for payment of General Obligation debt will not exceed 30% of the total levy amount. Recognizing that for budget year 2016 the percent of the total levy used for debt payment was 32.92%, it is acknowledged that the City may not achieve this target level until 2019 based on current forecasting. Increases in the total tax levy will be allocated almost exclusively to providing increased resources for operations; to the extent feasible, the amount of the total tax Levy used for payment of General Obligation debt will not increase above the 2017 budgeted debt service levy.
 - ii. Revenue Debt. The City may finance the capital needs of its revenue producing enterprise activities through the issuance of revenue-secured debt obligations. Prior to issuing revenue-secured debt obligations, the City will develop financial plans and projections showing the feasibility of the planned financing, required rates and charges needed to support the planned financing, and the impact of the planned financing on ratepayers. The amount of revenue-secured debt obligations will be limited by the feasibility of the overall financing plan, as well as any existing covenants related to debt obligations with a claim to the same revenue source.
 - iii. Short-Term Debt.
 1. Bond or Note Anticipation Note. Where their use is judged to be prudent and advantageous, the City may choose to issue Bond or Note Anticipation Notes as a source of interim construction financing. Prior to their issuance, takeout financing must be planned for and determined to be feasible.
 2. Tax and Revenue Anticipation Notes. In the event of an extreme financial emergency, the City may issue Tax or Revenue Anticipation Notes to fund working cash flow needs. Before issuing such notes, cash flow projections will be prepared to ensure that funds will be available for timely repayment of the Notes.

- iv. Conduit Debt. The City may sponsor conduit financings for those activities (i.e., economic development, housing, health facilities, etc.) that have a general public purpose and are consistent with the City Council's overall service and policy objectives. All conduit financings must be non-recourse to the City.

4. Debt Structuring Practices.

- a. Maximum Term. The term of any debt obligations issued by the City should not exceed the economic life of the improvements that they finance. If financially feasible, the term should be shorter than the projected economic life. Whenever possible, the term of obligations issued will be ten years or less. Per this policy, the City may issue twenty year bonds for enterprise fund projects (i.e. storm water, sanitary sewer, water, etc.).
- b. Interest Rates. Debt obligations issued by the City will carry a fixed interest rate. If, in consultation with its Financial Advisor, the City determines that a variable interest rate offers specific advantages, it may choose to issue securities that pay a rate of interest that varies according to a predetermined formula or results from a periodic remarketing of the securities.
- c. Debt Service Structure. Whenever possible, debt will be structured so that annual principal and interest payments are approximately level. If necessary, debt structures may be “wrapped” to accommodate existing debt service payments to allow for the City’s affordability targets to be maintained. Notwithstanding the foregoing, the City will attempt to structure debt so that interest payments are due not later than the first fiscal year following issuance, and principal payments not later than the second fiscal year following issuance. The City will avoid "balloon" repayment schedules that consist of low annual principal payments and one large payment due at the end of the term. An exception to the foregoing would be cases where it is anticipated that the City will have funds on hand sufficient to retire the balloon payment (e.g. tax increments, impact fees, land sale proceeds).
- d. Capitalized Interest. The City may elect to capitalize interest for any debt obligation, but depending on timing of issuance, it should first consider budgeting for the estimated interest expense, or appropriating the funds from other available sources. An exception to this policy would be cases where obligations are issued to finance projects within tax increment districts, and current district increment collections are projected to be insufficient to make interest payments. In these cases, the City will normally capitalize interest.

- e. Call Provisions. Call provisions for debt obligations will be made as short as possible consistent with achieving the best interest rates possible for the City. Obligations shall be callable at par.

5. Debt Issuance Practices

- a. Competitive Sale. The City will issue its debt obligations through competitive sale unless it is determined by the City and its Financial Advisor that a competitive sale would not be expected to produce the best results for the City. If the City determines that bids received through a competitive sale are unsatisfactory, or in the event no bids are received, the City may enter into negotiation for sale of the obligations
- b. Negotiated Sale. The City may consider negotiated sales of debt obligations in extraordinary circumstances when the complexity of the issue requires specialized expertise, when the negotiated sale would result in substantial savings in time or money, or when market conditions or City credit are unusually volatile or uncertain. If the City elects to negotiate the sale of a debt obligation, it will utilize a Financial Advisor with no interests in the underwriting of the transaction to represent it.
- c. State and Federal Revolving Loan Funds and Pools. As an alternative to open market financing, the City may elect to seek a loan through State or Federal programs when this will provide advantages to the City with respect to costs, interest rates, or terms. Examples of available loan programs include State Trust Fund Loans, Clean Water Fund Program Loans, Safe Drinking Water Fund Program Loans, and USDA Rural Development Loans.
- d. Refunding.
 - i. Advance Refunding. Federal tax law allows debt obligations to be refinanced one time prior to the obligation's earliest pre-payment date (call date). The City may issue such advance refunding bonds when legally permissible, and when net present value savings, expressed as a percentage of the par amount of the refunding bonds, equal or exceed a target of two percent.
 - ii. Current Refunding. Current refunding bonds may be issued to refinance existing debt obligations no earlier than sixty days prior to the obligation's earliest pre-payment date (call date). There is presently no limit to the number of times that an issue may be current refunded. The City may issue current refunding bonds when legally permissible, and whenever doing so is expected to result in a net economic benefit to the City.

- iii. Restructuring of Debt. Independent of potential savings, the City may choose to refund debt obligations when necessary to provide for an alternative debt structure. Refunding may also be undertaken as a means to replace and modernize bond covenants essential to management and operations.
- e. Credit Rating.
- i. Rating Service Relationships. The Director of Administrative Services is responsible for maintaining relationships with any rating service that currently assign ratings to the City's debt obligations. This effort shall include providing periodic updates on the City's general financial condition along with coordinating meetings and presentations in conjunction with a new debt issuance. The City's Financial Advisor will assist in this effort.
 - ii. Use of Rating Services. The Director of Administrative Services, in consultation with the City's Financial Advisor, is responsible for determining whether or not a rating shall be requested on a particular financing, and which rating service(s) will be asked to provide a rating.
 - iii. Minimum Long-Term Rating Requirements. The City's minimum rating requirement for its long-term G.O. debt is "A" or higher. If a debt obligation cannot meet this requirement based on its underlying credit strength, then credit enhancement may be sought to achieve the minimum rating. If credit enhancement is unavailable or is determined by the Director of Administrative Services and the City's Financial Advisor to be uneconomical, the obligations may be issued without a rating.

6. Debt Management Practices

- a. Continuing Disclosure. The City is committed to continuing disclosure of financial and credit information relevant to its outstanding debt obligations and will abide by the provisions of Securities and Exchange Commission (SEC) Rule 15c2-12 concerning primary and secondary market disclosure. The City Clerk is responsible for providing ongoing disclosure information and may be assisted by the City's Financial Advisor in the execution of this task.
- b. Investment of Debt Proceeds. The City will temporarily invest the proceeds of debt obligations in accordance with its investment policy. Interest earnings realized within construction accounts will be applied first towards payment of project costs, then for payment of debt service associated with the obligations.

- c. Arbitrage Rebate and Monitoring. The Director of Administrative Services will establish and maintain a system of record keeping and reporting to meet arbitrage rebate compliance requirements of the federal tax code. This effort will include tracking investment earnings on proceeds of debt obligations, calculating rebate payments in compliance with tax law, and remitting any rebatable earnings to the federal government in a timely manner in order to preserve the tax-exempt status of the City's outstanding debt obligations. Additionally, general financial reporting and certification requirements embodied in bond covenants shall be monitored to ensure that all covenants are complied with. The City's Financial Advisor may assist in the execution of these tasks.
7. **Review.** It is the intent of the City Council that this Debt Management Policy be reviewed periodically and revised as necessary.

SUN PRAIRIE
CAPITAL IMPROVEMENT PLAN
SUMMARY OF 2018-2022 CAPITAL PROJECT PLANS



	2018	2019	2020	2021	2022	Total
Funding Sources						
General Obligation Debt						
City	\$ 7,388,117	\$ 9,356,620	\$ 5,923,428	\$ 4,989,700	\$ 5,277,694	\$ 32,935,559
TIF District	26,132	133,411	13,800	-	-	173,343
Fleet Inservice Fund	290,900	813,650	196,100	574,300	531,400	2,406,350
Water Pollution Control Facility	2,054,300	823,100	706,900	620,200	737,500	4,942,000
Stormwater	4,275,320	2,206,650	1,220,400	625,300	747,700	9,075,370
Sun Prairie Utility	3,352,700	3,070,200	1,975,700	922,100	1,216,900	10,537,600
State Trust Fund Loan	3,699,075	-	-	-	-	3,699,075
Clean Water Fund Loan(Revenue)	-	-	12,000,000	-	-	12,000,000
Grants & Donations	134,546	-	-	-	-	134,546
Traffic Impact Fee	1,795,199	884,128	-	-	-	2,679,327
Park Fund Fees	194,000	278,000	405,000	55,000	200,000	1,132,000
Retained Earnings	984,000	386,250	607,400	2,289,750	92,000	4,359,400
Debt Proceeds Available	-	-	-	-	-	-
Total Funding Sources	\$ 24,194,289	\$ 17,952,009	\$ 23,048,728	\$ 10,076,350	\$ 8,803,194	\$ 84,074,570
Proposed Capital Projects						
Public Works						
Street Reconstruction	\$ 8,515,000	\$ 9,210,000	\$ 4,050,000	\$ 3,950,000	\$ 5,419,500	31,144,500
Street Pavement Rehabilitation	2,866,000	2,033,250	2,857,500	2,338,750	1,621,500	11,717,000
Transportation Improvements	1,321,120	1,264,542	-	-	-	2,585,662
Traffic Signals	236,000	288,350	-	-	-	524,350
Multi-Modal	234,444	341,967	214,628	44,000	51,794	886,833
Vehicles	170,000	841,000	198,000	563,000	521,000	2,293,000
Park Improvements	369,650	287,000	565,500	126,000	259,500	1,607,650
Facilities	4,342,175	1,669,300	685,300	25,000	170,000	6,891,775
Water Pollution Control Facility	1,931,000	645,000	13,010,000	2,660,000	375,000	18,621,000
Stormwater Improvements	3,368,000	550,000	771,000	218,000	218,000	5,125,000
Sun Prairie Utilities	500,000	500,000	500,000	-	-	1,500,000
Debt Issuance Costs	340,900	321,600	196,800	151,600	166,900	1,177,800
Total Capital Projects	\$ 24,194,289	\$ 17,952,009	\$ 23,048,728	\$ 10,076,350	\$ 8,803,194	\$ 84,074,570

SUN PRAIRIE
CAPITAL IMPROVEMENT PLAN
PROJECT COSTS 2018



				2018 PROJECT ESTIMATE	PROJECT COSTS						FUNDING SOURCES							2018 Borrowing	BORROWING
Proj #	Committee Priority	Department Priority	Project Name		Capital Projects Fund	TIF District	Library Special Revenue Fund	Fleet Replace Fund	Water Pollution Control Fund	Storm- Water Fund	Sun Prairie Utilities	Traffic Impact Fees	Park Fund	Grant/ Donation Fees	Govt Fund Balance	Debt Proceeds Available	Cap Proj Fund Balance		Retained Earnings
Street Reconstruction																			
186032	2	1	S. Thompson Road Reconstruction	2,047,000	1,097,000	-	-	-	250,000	300,000	400,000	840,435	-	-	-	-	-	-	437,045
186006	3	4	Hoover Street Reconstruction	469,000	260,000	-	-	-	34,000	20,000	155,000	-	-	-	-	-	-	-	260,000
186008	3	4	E. MacArthur Street Reconstruction	894,000	491,000	-	-	-	35,000	75,000	293,000	-	-	60,000	-	-	-	-	431,000
186007	3	4	E. Kohler Street Reconstruction	361,000	190,000	-	-	-	24,000	42,000	105,000	-	-	-	-	-	-	-	190,000
186005	3	4	E. Goodland Street Reconstruction	623,000	356,000	-	-	-	36,000	44,000	187,000	-	-	-	-	-	-	-	356,000
186002	3	4	Benz Court Reconstruction	198,000	124,000	-	-	-	11,000	1,000	62,000	-	-	-	-	-	-	1,000	124,000
186011	3	4	Taft Street Reconstruction	578,000	310,000	-	-	-	30,000	68,000	170,000	-	-	-	-	-	-	-	310,000
186038	4	5	W Klubertanz Dr (Bristol to North) Reconstruction	590,000	325,000	-	-	-	35,000	35,000	195,000	-	-	-	-	-	-	-	325,000
186034	4	6	Knorr Street Reconstruction	389,000	202,000	-	-	-	18,000	68,000	101,000	-	-	-	-	-	-	-	202,000
186035	4	6	Baitinger Court Reconstruction	554,000	317,000	-	-	-	24,000	53,000	160,000	-	-	-	-	-	-	-	317,000
186036	4	6	Wagner Court Reconstruction	371,000	220,000	-	-	-	10,000	35,000	106,000	-	-	-	-	-	-	-	220,000
186037	3	7	Chase Boulevard Reconstruction	756,000	350,000	-	-	-	45,000	148,000	213,000	-	-	-	-	-	-	-	350,000
186009	3	10	W. Main Street Reconstruction	685,000	574,000	-	-	-	104,000	3,000	4,000	-	-	-	-	-	-	7,000	574,000
Street Pavement Rehab																			
186056	2	1	North City Station Drive	526,000	360,000	-	-	-	-	66,000	100,000	-	-	-	-	-	-	-	360,000
186052	3	2	Vandenburg St Stormwater & Pavement Rehab	221,000	36,000	-	-	-	13,000	107,000	65,000	-	-	-	-	-	-	-	36,000
186047	3	2	Allison Street Pavement Rehabilitation	40,000	34,000	-	-	-	4,000	1,000	1,000	-	-	-	-	-	-	6,000	34,000
186048	3	2	Daniel Street Pavement Rehabilitation	39,000	35,000	-	-	-	2,000	1,000	1,000	-	-	-	-	-	-	4,000	35,000
186049	3	2	Daniel Street Stormwater & Pavement Rehab	149,000	44,000	-	-	-	19,000	85,000	1,000	-	-	-	-	-	-	1,000	44,000
186050	3	2	Betty Lee Court Pavement Rehabilitation	34,000	31,000	-	-	-	1,000	1,000	1,000	-	-	-	-	-	-	3,000	31,000
186051	3	2	Steven Street Stormwater & Pavement Rehab	169,000	66,000	-	-	-	19,000	83,000	1,000	-	-	-	-	-	-	1,000	66,000
186045	2	3	Schiller Street Rehabilitation	285,000	88,000	-	-	-	16,000	1,000	180,000	-	-	-	-	-	-	1,000	88,000
186046	2	3	Arabian Court Rehabilitation	65,000	60,000	-	-	-	3,000	1,000	1,000	-	-	-	-	-	-	5,000	60,000
186039	4	5	W Klubertanz Dr (Summit to North) Rehabilitation	388,000	127,000	-	-	-	1,000	43,000	217,000	-	-	-	-	-	-	1,000	127,000
186053	4	5	Parkview Drive Pavement Rehabilitation	125,000	45,000	-	-	-	1,000	1,000	78,000	-	-	-	-	-	-	2,000	45,000
186025	4	8	Vine Street Pavement Rehabilitation	109,000	102,000	-	-	-	5,000	-	2,000	-	-	-	-	-	-	7,000	102,000
186018	4	11	Eddington Drive Pavement Rehabilitation	157,000	148,000	-	-	-	6,000	1,500	1,500	-	-	-	-	-	-	9,000	148,000
186026	4	11	Wallingford Circle Pavement Rehabilitation	57,000	51,000	-	-	-	4,000	1,000	1,000	-	-	-	-	-	-	6,000	51,000
186027	4	11	Wallingford Drive Pavement Rehabilitation	110,000	104,000	-	-	-	4,000	1,000	1,000	-	-	-	-	-	-	6,000	104,000
186016	4	11	Dickson Drive Pavement Rehabilitation	91,000	87,000	-	-	-	3,000	-	1,000	-	-	-	-	-	-	4,000	87,000
186017	4	11	Dickson Drive Pavement Rehabilitation	28,000	25,000	-	-	-	1,000	1,000	1,000	-	-	-	-	-	-	3,000	25,000
186013	4	11	Barrington Circle Pavement Rehabilitation	54,000	50,000	-	-	-	2,000	1,000	1,000	-	-	-	-	-	-	4,000	50,000
186014	4	11	Barrington Drive Pavement Rehabilitation	109,000	104,000	-	-	-	3,000	1,000	1,000	-	-	-	-	-	-	5,000	104,000
176016	3		Grand Ave Signal Loop Concrete Repairs	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	75,000
176018	3		Concrete Road Repair - Various	35,000	35,000	-	-	-	-	-	-	-	-	-	-	-	-	-	35,000
Transportation Improvements																			
176021	3	Construction	Reiner Road Extension	1,065,968	1,065,968	-	-	-	-	-	-	700,554	-	-	-	-	-	-	365,414
176022	3	Design	Grand-Hoepker Intersection Expansion	102,530	76,898	25,632	-	-	-	-	-	60,984	-	-	-	-	-	-	15,914
186030	4	Design	Rattman Road Reconstruction	152,622	152,622	-	-	-	-	-	-	39,590	-	-	-	-	-	-	113,032
Traffic Signals																			
186033	2		Reiner- O'Keeffe Signal	236,000	236,000	-	-	-	-	-	-	153,636	-	-	-	-	-	-	82,364
Multi-Modal																			
186055	2		Black Wolf Trail Sidewalk	39,000	39,000	-	-	-	-	-	-	-	-	-	-	-	-	-	39,000
186042	4		Windsor Street Bike Path Replacement	149,444	149,444	-	-	-	-	-	-	-	-	-	-	-	-	-	149,444
186058	3		Allison Street Sidewalk	26,000	26,000	-	-	-	-	-	-	-	-	-	-	-	-	-	26,000
186057	3		Vandenburg St Sidewalk	20,000	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	20,000
Vehicles																			
187201	2	4	Pickup Truck	26,000	-	-	-	26,000	-	-	-	-	-	-	-	-	-	-	-
187308	2	3	Pick - Up	26,000	-	-	-	26,000	-	-	-	-	-	-	-	-	-	-	-
187309	3	2	Pick-up with plow	42,000	-	-	-	42,000	-	-	-	-	-	-	-	-	-	-	-
187310	3	1	Flatbed Dump Body with Plow	50,000	-	-	-	50,000	-	-	-	-	-	-	-	-	-	-	-
187411	3	2	Pickup Truck	26,000	-	-	-	26,000	-	-	-	-	-	-	-	-	-	-	-
Park Improvements																			
174001	3	5	Liberty Square Park Shelter	150,000	150,000	-	-	-	-	-	-	-	150,000	-	-	-	-	-	-

SUN PRAIRIE
CAPITAL IMPROVEMENT PLAN
PROJECT COSTS 2018



				2018 PROJECT ESTIMATE	PROJECT COSTS						FUNDING SOURCES							2018 Borrowing	BORROWING Levy Funded		
Proj #	Committee Priority	Department Priority	Project Name		Capital Projects Fund	TIF District	Library Special Revenue Fund	Fleet Replace Fund	Water Pollution Control Fund	Storm- Water Fund	Sun Prairie Utilities	Traffic Impact Fees	Park Fund	Grant/ Donation Fees	Govt Fund Balance	Debt Proceeds Available	Cap Proj Fund Balance			Retained Earnings	
181708	4	1	FAC Pump & Strainer Replacement	121,900	121,900	-	-	-	-	-	-	-	-	-	-	-	-	-	121,900	-	121,900
184001	3	6	Smith's Crossing Park Shelter & Restroom	8,000	8,000	-	-	-	-	-	-	-	8,000	-	-	-	-	-	-	-	-
184004	2	4	Sheehan Park Trail Lighting	36,000	36,000	-	-	-	-	-	-	-	36,000	-	-	-	-	-	-	-	-
194005	3	3	Blankehheim Park Playground Replacement	26,500	26,500	-	-	-	-	-	-	-	-	-	-	-	-	-	26,500	-	26,500
184007	4	8	Davison Park Playground Replacement	27,250	27,250	-	-	-	-	-	-	-	-	-	-	-	-	-	27,250	-	27,250
Facilities																					
181107	2	2	City Hall Cooling Tower	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	100,000	-	100,000
181105	3	10	Solar Panel Installation at City Hall	150,000	150,000	-	-	-	-	-	-	-	-	74,546	-	-	-	-	75,454	-	75,454
171102	3	5	City Hall Bathroom Updates	54,000	54,000	-	-	-	-	-	-	-	-	-	-	-	-	-	54,000	-	54,000
181106	3	7	City Hall Entry Door and Frame Replacement	47,000	47,000	-	-	-	-	-	-	-	-	-	-	-	-	-	47,000	-	47,000
181601	3	8	Fire / EMS Parking Lot Replacement	26,900	26,900	-	-	-	-	-	-	-	-	-	-	-	-	-	26,900	-	26,900
181401	2	3	Fleet Services Parking Lot Replacement	75,200	-	-	-	75,200	-	-	-	-	-	-	-	-	-	-	75,200	-	-
181301	2	4	Salt Shed One Repair	40,000	-	-	-	40,000	-	-	-	-	-	-	-	-	-	-	40,000	-	-
181208	2	Design	West Side Community Building Expansion	150,000	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-	150,000	-	150,000
183003	1	1	Parcel B Mart Enterprises, LLC Land Purchase	3,699,075	3,699,075	-	-	-	-	-	-	-	-	-	-	-	-	-	3,699,075	-	-
Water Pollution Control Facility~																					
168101	1		Remove Clearwater From Sewer System	400,000	-	-	-	-	400,000	-	-	-	-	-	-	-	-	-	400,000	-	-
168102	1		Phosphorous Treatment and Plant Capacity Upgra	890,000	-	-	-	-	890,000	-	-	-	-	-	-	-	-	890,000	-	-	-
178104	2		Upgrade Shonas Lift Force Main	441,000	-	-	-	-	441,000	-	-	-	-	-	-	-	-	-	441,000	-	-
188101	2		Replace Columbus Lift Station	200,000	-	-	-	-	200,000	-	-	-	-	-	-	-	-	-	200,000	-	-
Stormwater Utility																					
168530	2		NW Koshkonong Facility	3,350,000	-	-	-	-	250,000	3,100,000	-	-	-	-	-	-	-	-	3,350,000	-	-
168531	1		TMDL - MMSD Adaptive Management	18,000	-	-	-	-	-	18,000	-	-	-	-	-	-	-	18,000	-	-	-
Sun Prairie Utility																					
185001	3		Automatic Meter Reading System	500,000	-	-	-	-	-	-	500,000	-	-	-	-	-	-	-	500,000	-	-
			Debt Issuance Costs	340,900	144,900	500	-	5,700	40,300	83,800	65,700	-	-	-	-	-	-	-	340,900	-	144,900
TOTAL CAPITAL IMPROVEMENT PLAN				\$ 24,194,289	\$ 13,030,457	\$ 26,132	\$ -	\$ 290,900	\$ 2,984,300	\$ 4,490,300	\$ 3,372,200	\$ 1,795,199	\$ 194,000	\$ 134,546	\$ -	\$ -	\$ -	\$ 984,000	21,086,544	-	\$ 7,388,117

SUN PRAIRIE
CAPITAL IMPROVEMENT PLAN
PROJECT COSTS 2019



				2019 PROJECT ESTIMATE	PROJECT COSTS						FUNDING SOURCES							2019 Borrowing	BORROWING
Proj #	Committee Priority	Department Priority	Project Name		City Allocation	TIF District	Library Special Revenue Fund	Fleet Replace Fund	Water Pollution Control Fund	Storm- Water Fund	Sun Prairie Utilities	Traffic Impact Fees	Park Fund	Grant/ Donation Fees	Other Municipal	Debt Proceeds Available	Cap Proj Fund Balance		Retained Earnings
Street Reconstruction																			
186001	4		Allen Ave Reconstruction	536,000	270,000	-	-	-	12,000	74,000	180,000	-	-	-	-	-	-	-	270,000
186003	4		Clements Avenue Reconstruction	241,000	170,000	-	-	-	11,000	-	60,000	-	-	-	-	-	-	-	170,000
186012	4		Williamson Avenue Reconstruction	440,000	270,000	-	-	-	1,000	45,000	124,000	-	-	-	-	-	-	-	270,000
196002	2		Broadway Drive Reconstruction	1,206,000	911,000	-	-	-	85,000	207,000	3,000	-	-	-	-	-	-	3,000	911,000
196003	2		Buena Vista Drive Reconstruction	1,159,000	510,000	-	-	-	66,000	258,000	325,000	-	-	-	-	-	-	-	510,000
196004	2		Clara Street Reconstruction	569,000	398,000	-	-	-	53,000	115,000	3,000	-	-	-	-	-	-	3,000	398,000
196005	2		Gerald Avenue Reconstruction	814,000	440,000	-	-	-	45,000	64,000	265,000	-	-	-	-	-	-	-	440,000
196006	2		Jerico Lane Reconstruction	1,265,000	640,000	-	-	-	60,000	225,000	340,000	-	-	-	-	-	-	-	640,000
196007	2		N. Pine Street Reconstruction	607,000	359,000	-	-	-	2,000	123,000	123,000	-	-	-	-	-	-	2,000	359,000
196008	2		Pine Street Reconstruction	1,011,000	542,000	-	-	-	25,000	110,000	334,000	-	-	-	-	-	-	-	542,000
196009	2		Ruby Lane Reconstruction	395,000	158,000	-	-	-	9,000	146,000	82,000	-	-	-	-	-	-	-	158,000
196042	2		Scheuerell Lane Reconstruction	479,000	260,000	-	-	-	34,000	18,000	167,000	-	-	-	-	-	-	-	260,000
196043	2		Elizabeth Lane Reconstruction	488,000	267,000	-	-	-	22,000	57,000	142,000	-	-	-	-	-	-	-	267,000
Street Pavement Rehab																			
196014	2		Donald Drive Pavement Rehabilitation	93,000	88,000	-	-	-	3,000	1,000	1,000	-	-	-	-	-	-	5,000	88,000
196015	2		Ernest Avenue Pavement Rehabilitation	204,000	66,000	-	-	-	2,000	2,000	134,000	-	-	-	-	-	-	4,000	66,000
196016	2		N. Musket Ridge Pavement Rehabilitation	263,000	250,000	-	-	-	7,000	3,000	3,000	-	-	-	-	-	-	13,000	250,000
196017	2		Spoke Circle Pavement Rehabilitation	34,000	30,000	-	-	-	2,000	1,000	1,000	-	-	-	-	-	-	4,000	30,000
196018	2		Steven Street Storm & Pavement Rehabilitation	290,000	103,000	-	-	-	39,000	146,000	2,000	-	-	-	-	-	-	2,000	103,000
196044	2		Elizabeth Court Pavement Rehabilitation	104,000	42,000	-	-	-	3,000	-	59,000	-	-	-	-	-	-	3,000	42,000
196045	2		Stonehaven Drive Pavement Rehabilitation	114,000	109,000	-	-	-	3,000	-	2,000	-	-	-	-	-	-	5,000	109,000
196046	2		Boulder Way Pavement Rehabilitation	108,000	103,000	-	-	-	3,000	-	2,000	-	-	-	-	-	-	5,000	103,000
196047	2		Kuhle Drive Pavement Rehabilitation	176,000	169,000	-	-	-	5,000	-	2,000	-	-	-	-	-	-	7,000	169,000
196048	2		Terrace Chase Pavement Rehabilitation	82,000	78,000	-	-	-	3,000	-	1,000	-	-	-	-	-	-	4,000	78,000
196049	2		Pebblebrook Trail Pavement Rehabilitation	79,000	74,000	-	-	-	4,000	-	1,000	-	-	-	-	-	-	5,000	74,000
206010	2		Blaser Court Pavement Rehabilitation	64,250	63,000	-	-	-	1,000	-	250	-	-	-	-	-	-	1,250	63,000
206019	2		Frederick Street Pavement Rehabilitation	312,000	135,000	-	-	-	1,000	1,000	175,000	-	-	-	-	-	-	2,000	135,000
176016	3		Grand Ave Signal Loop Concrete Repairs	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	75,000
176018	3		Concrete Road Repair - Various	35,000	35,000	-	-	-	-	-	-	-	-	-	-	-	-	-	35,000
Transportation Improvements																			
176022	3		Grand-Hoepker Intersection Expansion	1,264,542	1,133,731	130,811	-	-	-	-	-	752,150	-	-	-	-	-	-	381,581
Traffic Signals																			
196031	3	Construction	Rattman-Main Traffic Signals	288,350	288,350	-	-	-	-	-	-	131,978	-	-	-	-	-	-	156,372
Multi-Modal																			
196010	2		Frederick Street Sidewalk	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	75,000
196040	3		S. Walker Way Sidewalk	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	75,000
186042	4		Windsor Street Bike Path Replacement	51,300	51,300	-	-	-	-	-	-	-	-	-	-	-	-	-	51,300
196041	3		N. Thompson Road Bike Path Replacement	65,667	65,667	-	-	-	-	-	-	-	-	-	-	-	-	-	65,667
194003	3		Providence Bike Trail Connection	75,000	75,000	-	-	-	-	-	-	-	75,000	-	-	-	-	-	
Vehicles																			
197114	2	7	Administrative Vehicle - PW	29,000	-	-	-	29,000	-	-	-	-	-	-	-	-	-	-	-
197213	2	3	Pick Up Truck	27,000	-	-	-	27,000	-	-	-	-	-	-	-	-	-	-	-
197302	2	2	Single Axle Chipper/Anti-Icing Truck	130,000	-	-	-	86,650	-	43,350	-	-	-	-	-	-	-	-	-
197303	2	6	Tractor Backhoe	125,000	-	-	-	125,000	-	-	-	-	-	-	-	-	-	-	-
197304	2	5	Service Body Truck	43,000	-	-	-	43,000	-	-	-	-	-	-	-	-	-	-	-
197305	2	4	One Ton Dump Body with Snow Plow	52,000	-	-	-	52,000	-	-	-	-	-	-	-	-	-	-	-
197306	2	8	Roller	35,000	-	-	-	35,000	-	-	-	-	-	-	-	-	-	-	-
197613	2	2	Rapid Attack Truck	400,000	-	-	-	400,000	-	-	-	-	-	-	-	-	-	-	-
Park Improvements																			
191702	3		Concession Stand Renovation	20,000	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	20,000
184001	3		Smith's Crossing Park Shelter & Restroom	150,000	150,000	-	-	-	-	-	-	-	150,000	-	-	-	-	-	-
194004	2		Wyndham Hills Park Trail Lighting	28,000	28,000	-	-	-	-	-	-	-	28,000	-	-	-	-	-	-

SUN PRAIRIE
CAPITAL IMPROVEMENT PLAN
PROJECT COSTS 2019



				2019 PROJECT ESTIMATE	PROJECT COSTS						FUNDING SOURCES							2019 Borrowing	BORROWING Levy Funded	
Proj #	Committee Priority	Department Priority	Project Name		City Allocation	TIF District	Library Special Revenue Fund	Fleet Replace Fund	Water Pollution Control Fund	Storm- Water Fund	Sun Prairie Utilities	Traffic Impact Fees	Park Fund	Grant/ Donation Fees	Other Municipal	Debt Proceeds Available	Cap Proj Fund Balance			Retained Earnings
196011	3		Bike Loop Wayfinding Signs	15,000	15,000	-	-	-	-	-	-	15,000	-	-	-	-	-	-		
191707	3		FAC Splash Pad	10,000	10,000	-	-	-	-	-	-	10,000	-	-	-	-	-	-		
204005	3		Hunter's Ridge Park Playground Replacement	37,000	37,000	-	-	-	-	-	-	-	-	-	-	-	-	37,000		
194006	3		Birkinbine Park Playground Replacement	27,000	27,000	-	-	-	-	-	-	-	-	-	-	-	-	27,000		
Facilities																				
171102	3		City Hall Bathroom Updates	40,000	40,000	-	-	-	-	-	-	-	-	-	-	-	-	40,000		
181208	2	Construction	West Side Community Building Expansion	1,350,000	1,350,000	-	-	-	-	-	-	-	-	-	-	-	-	1,350,000		
191401	3		Salt Shed #2 Cold Storage Bin	60,000	60,000	-	-	-	-	-	-	-	-	-	-	-	-	60,000		
194002	3		Sheehan Park Central Parking Lot Replacement	27,200	27,200	-	-	-	-	-	-	-	-	-	-	-	-	27,200		
201105	3		City Hall LED Conversion	110,100	110,100	-	-	-	-	-	-	-	-	-	-	-	-	110,100		
202001	1		Record Management System	82,000	82,000	-	-	-	-	-	-	-	-	-	-	-	-	82,000		
Water Pollution Control Facility~																				
168101	1		Remove Clearwater From Sewer System	345,000	-	-	-	-	345,000	-	-	-	-	-	-	-	-	345,000		
168102	1		Phosphorous Treatment and Plant Capacity Upgra	300,000	-	-	-	-	300,000	-	-	-	-	-	-	-	300,000	-		
Stormwater Utility																				
168531	1		TMDL - MMSD Adaptive Management	18,000	-	-	-	-	18,000	-	-	-	-	-	-	-	18,000	-		
198530	2		Three Wheeled Street Sweeper	225,000	-	-	-	-	225,000	-	-	-	-	-	-	-	-	225,000		
198531	3		TMDL - Water Quality Projects	200,000	-	-	-	-	200,000	-	-	-	-	-	-	-	-	200,000		
198532	2		Utility Box Truck with Mounted Crane	57,000	-	-	-	-	57,000	-	-	-	-	-	-	-	-	57,000		
208530	3		S Koshkonong Facility	50,000	-	-	-	-	50,000	-	-	-	-	-	-	-	-	50,000		
Sun Prairie Utility																				
185001	3		Automatic Meter Reading System	500,000	-	-	-	-	-	500,000	-	-	-	-	-	-	-	500,000		
			Debt Issuance Costs	321,600	183,400	2,600	-	16,000	16,100	43,300	60,200	-	-	-	-	-	-	321,600		
TOTAL CAPITAL IMPROVEMENT PLAN				\$ 17,952,009	\$ 10,518,748	\$ 133,411	\$ -	\$ 813,650	\$ 1,162,100	\$ 2,232,650	\$ 3,091,450	\$ 884,128	\$ 278,000	\$ -	\$ -	\$ -	\$ -	\$ 386,250	16,403,631	\$ 9,356,620

SUN PRAIRIE
CAPITAL IMPROVEMENT PLAN
PROJECT COSTS 2020



				2020 PROJECT ESTIMATE	PROJECT COSTS						FUNDING SOURCES							2020 Borrowing	BORROWING	
Proj #	Committee Priority	Department Priority	Project Name		City Allocation	TIF District	Library Special Revenue Fund	Fleet Replace Fund	Water Pollution Control Fund	Storm- Water Fund	Sun Prairie Utilities	Traffic Impact Fees	Park Fund	Grant/ Donation Fees	Other Municipal	Debt Proceeds Available	Cap Proj Fund Balance		Retained Earnings	Levy Funded
Street Reconstruction																				
206001	2		Beech Court Reconstruction	274,000	185,000	-	-	-	14,000	-	75,000	-	-	-	-	-	-	-	274,000	185,000
206002	2		Buena Vista Drive Reconstruction	1,356,000	809,000	-	-	-	62,000	95,000	390,000	-	-	-	-	-	-	-	1,356,000	809,000
206003	2		Juniper Street Reconstruction	866,000	480,000	-	-	-	26,000	80,000	280,000	-	-	-	-	-	-	-	866,000	480,000
206004	2		Miller Street Reconstruction	672,000	380,000	-	-	-	27,000	80,000	185,000	-	-	-	-	-	-	-	672,000	380,000
206006	2		Surrey Drive Reconstruction	250,000	205,000	-	-	-	1,000	43,000	1,000	-	-	-	-	-	-	2,000	248,000	205,000
206007	2		Trapp Street Reconstruction	632,000	520,000	-	-	-	30,000	80,000	2,000	-	-	-	-	-	-	2,000	630,000	520,000
Street Pavement Rehab																				
206011	2		N. Bristol Street Pavement Rehabilitation	375,000	370,000	-	-	-	1,000	2,000	2,000	-	-	-	-	-	-	5,000	370,000	370,000
206012	2		S. Bristol Street Pavement Rehabilitation	147,000	140,000	-	-	-	5,000	1,000	1,000	-	-	-	-	-	-	7,000	140,000	140,000
206014	2		Colorado Avenue Storm & Pavement Rehab	140,000	45,000	-	-	-	18,000	65,000	12,000	-	-	-	-	-	-	-	140,000	45,000
206023	2		Linnerud Drive Pavement Rehabilitation	126,000	122,000	-	-	-	2,000	1,000	1,000	-	-	-	-	-	-	4,000	122,000	122,000
206024	2		Old Indian Mound Trail Pavement Rehabilitation	154,000	148,000	-	-	-	5,000	-	1,000	-	-	-	-	-	-	6,000	148,000	148,000
206026	2		Paul Street Pavement Rehabilitation	189,000	72,000	-	-	-	1,000	1,000	115,000	-	-	-	-	-	-	2,000	187,000	72,000
206027	2		Robert Drive Pavement Rehabilitation	347,000	130,000	-	-	-	2,000	-	215,000	-	-	-	-	-	-	2,000	345,000	130,000
206029	2		Surrey Court Pavement Rehabilitation	41,000	38,000	-	-	-	1,000	1,000	1,000	-	-	-	-	-	-	3,000	38,000	38,000
206030	2		Surrey Drive Pavement Rehabilitation	54,000	52,000	-	-	-	1,000	-	1,000	-	-	-	-	-	-	2,000	52,000	52,000
206031	2		Windemere Court Pavement Rehabilitation	35,250	34,000	-	-	-	1,000	-	250	-	-	-	-	-	-	1,250	34,000	34,000
206032	2		Woodland Drive Pavement Rehabilitation	258,000	89,000	-	-	-	3,000	1,000	165,000	-	-	-	-	-	-	4,000	254,000	89,000
206013	2		Cobblestone Court Pavement Rehabilitation	31,250	30,000	-	-	-	1,000	-	250	-	-	-	-	-	-	1,250	30,000	30,000
206015	2		Commerce Drive Pavement Rehabilitation	82,500	77,000	-	-	-	3,000	500	2,000	-	-	-	-	-	-	5,500	77,000	77,000
206016	2		Corporate Center Dr. Pavement Rehabilitation	172,000	166,000	-	-	-	4,000	1,000	1,000	-	-	-	-	-	-	6,000	166,000	166,000
206017	2		Craftsman Way Pavement Rehabilitation	180,000	175,000	-	-	-	3,000	1,000	1,000	-	-	-	-	-	-	5,000	175,000	175,000
206018	2		Dewey Street Pavement Rehabilitation	135,000	114,300	13,500	-	-	5,400	900	900	-	-	-	-	-	-	7,200	127,800	114,300
206020	2		Harwood Court Pavement Rehabilitation	30,250	29,000	-	-	-	1,000	-	250	-	-	-	-	-	-	1,250	29,000	29,000
206021	2		Hickory Court Pavement Rehabilitation	31,000	28,000	-	-	-	1,000	1,000	1,000	-	-	-	-	-	-	3,000	28,000	28,000
206022	2		Huntwick Court Pavement Rehabilitation	22,250	21,000	-	-	-	1,000	-	250	-	-	-	-	-	-	1,250	21,000	21,000
206028	2		Steven Street Pavement Rehabilitation	197,000	190,000	-	-	-	5,000	1,000	1,000	-	-	-	-	-	-	7,000	190,000	190,000
176016	3		Grand Ave Signal Loop Concrete Repairs	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	75,000	75,000
176018	3		Concrete Road Repair - Various	35,000	35,000	-	-	-	-	-	-	-	-	-	-	-	-	-	35,000	35,000
Multi-Modal																				
206050	3		Clarmar Drive Sidewalk	55,000	55,000	-	-	-	-	-	-	-	-	-	-	-	-	-	55,000	55,000
196041	3		N. Thompson Road Bike Path Replacement	134,289	134,289	-	-	-	-	-	-	-	-	-	-	-	-	-	134,289	134,289
206052	3		N. Bristol Street Bike Path Replacement	25,339	25,339	-	-	-	-	-	-	-	-	-	-	-	-	-	25,339	25,339
Vehicles																				
207609	2		Pick-up Truck for Fire	50,000	-	-	-	50,000	-	-	-	-	-	-	-	-	-	-	50,000	-
207610	2		Fire Car 4 Replacement	50,000	-	-	-	50,000	-	-	-	-	-	-	-	-	-	-	50,000	-
207101	2		Passenger Van	30,000	-	-	-	30,000	-	-	-	-	-	-	-	-	-	-	30,000	-
207302	2		Hot Box Trailer	33,000	-	-	-	33,000	-	-	-	-	-	-	-	-	-	-	33,000	-
207403	2		Lawn Sweeper	35,000	-	-	-	23,300	-	11,700	-	-	-	-	-	-	-	11,700	23,300	-
Park Improvements																				
164001	3		Skate Park Additions	90,000	90,000	-	-	-	-	-	-	-	90,000	-	-	-	-	-	-	-
196011	3		Bike Loop Wayfinding Signs	15,000	15,000	-	-	-	-	-	-	-	15,000	-	-	-	-	-	-	-
201707	3		Bath House Ceiling Staining	80,000	80,000	-	-	-	-	-	-	-	-	-	-	-	-	-	80,000	80,000
191702	3		Concession Stand Renovation	20,000	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	20,000	20,000
191707	3		FAC Splash Pad	200,000	200,000	-	-	-	-	-	-	-	200,000	-	-	-	-	-	-	-
214005	3		Grandview Park Playground Replacement	28,000	28,000	-	-	-	-	-	-	-	-	-	-	-	-	-	28,000	28,000
204006	3		Stonehaven Park Playground Replacement	32,500	32,500	-	-	-	-	-	-	-	-	-	-	-	-	-	32,500	32,500
204003	3		Reserve Plat Park Parking Lot	100,000	100,000	-	-	-	-	-	-	-	100,000	-	-	-	-	-	-	-
Facilities																				
201101	2		Liebert Unit Replacement - 2nd Floor City Hall	28,000	28,000	-	-	-	-	-	-	-	-	-	-	-	-	-	28,000	28,000
201104	3		Network Cabling Replacement Project	200,000	187,500	-	-	6,000	6,000	500	-	-	-	-	-	-	-	-	200,000	187,500
201506	2		Library Roof Replacement	350,000	350,000	-	-	-	-	-	-	-	-	-	-	-	-	-	350,000	350,000
202001	1		Record Management System	82,000	82,000	-	-	-	-	-	-	-	-	-	-	-	-	-	82,000	82,000
201102	3		Angell St Parking Lot Replacement	25,300	25,300	-	-	-	-	-	-	-	-	-	-	-	-	-	25,300	25,300

SUN PRAIRIE
CAPITAL IMPROVEMENT PLAN
PROJECT COSTS 2020



				2020 PROJECT ESTIMATE	PROJECT COSTS						FUNDING SOURCES							2020 Borrowing	BORROWING	
Proj #	Committee Priority	Department Priority	Project Name		City Allocation	TIF District	Library Special Revenue Fund	Fleet Replace Fund	Water Pollution Control Fund	Storm- Water Fund	Sun Prairie Utilities	Traffic Impact Fees	Park Fund	Grant/ Donation Fees	Other Municipal	Debt Proceeds Available	Cap Proj Fund Balance		Retained Earnings	Levy Funded
Water Pollution Control Facility~																				
168101	1		Remove Clearwater From Sewer System	510,000	-	-	-	510,000	-	-	-	-	-	-	-	-	-	510,000	-	
168102	1		Phosphorous Treatment and Plant Capacity Upgra	12,500,000	-	-	-	12,500,000	-	-	-	-	-	-	-	-	500,000	12,000,000	-	
Stormwater Utility																				
168531	1		TMDL - MMSD Adaptive Management	18,000	-	-	-	-	18,000	-	-	-	-	-	-	-	-	18,000	-	
198531	3		TMDL - Water Quality Projects	200,000	-	-	-	-	200,000	-	-	-	-	-	-	-	-	200,000	-	
208530	3		S Koshkonong Facility	500,000	-	-	-	-	500,000	-	-	-	-	-	-	-	-	500,000	-	
208531	2		Skid Steer Loader	53,000	-	-	-	-	53,000	-	-	-	-	-	-	-	-	53,000	-	
Sun Prairie Utility																				
185001	3		Automatic Meter Reading System	500,000	-	-	-	-	-	500,000	-	-	-	-	-	-	-	500,000	-	
			Debt Issuance Costs	196,800	116,200	300	-	3,800	13,900	23,900	38,700	-	-	-	-	-	-	196,800	116,200	
TOTAL CAPITAL IMPROVEMENT PLAN				\$ 23,048,728	\$ 6,328,428	\$ 13,800	\$ -	\$ 196,100	\$ 13,254,300	\$ 1,262,500	\$ 1,993,600	\$ -	\$ 405,000	\$ -	\$ -	\$ -	\$ -	\$ 607,400	10,036,328	\$ 5,923,428

SUN PRAIRIE
CAPITAL IMPROVEMENT PLAN
PROJECT COSTS 2021



				2021 PROJECT ESTIMATE	PROJECT COSTS						FUNDING SOURCES							2021 Borrowing	BORROWING
Proj #	Committee Priority	Department Priority	Project Name		City Allocation	TIF District	Library Special Revenue Fund	Fleet Replace Fund	Water Pollution Control Fund	Storm- Water Fund	Sun Prairie Utilities	Traffic Impact Fees	Park Fund	Grant/ Donation Fees	Other Municipal	Debt Proceeds Available	Cap Proj Fund Balance		Retained Earnings
Street Reconstruction																			
216001	2		Barbara Street Reconstruction	682,000	450,000	-	-	-	27,000	-	205,000	-	-	-	-	-	-	-	450,000
216003	2		Ivory Drive Reconstruction	616,000	215,000	-	-	-	21,000	173,000	207,000	-	-	-	-	-	-	-	215,000
216004	2		Jeanne Court Reconstruction	178,000	125,000	-	-	-	8,000	-	45,000	-	-	-	-	-	-	-	125,000
216005	2		Schuster Road Reconstruction	1,029,000	925,000	-	-	-	42,000	60,000	2,000	-	-	-	-	-	-	-	925,000
216032	2		Wyoming Ave Stormwater & Reconstruction	1,445,000	860,000	-	-	-	10,000	180,000	395,000	-	-	-	-	-	-	-	860,000
Street Pavement Rehab																			
216006	2		Broadway Drive Rehabilitation	325,000	315,000	-	-	-	6,000	2,000	2,000	-	-	-	-	-	-	10,000	315,000
216007	2		Carriage Drive Pavement Rehabilitation	58,000	52,000	-	-	-	5,000	-	1,000	-	-	-	-	-	-	6,000	52,000
216008	2		Carrington Drive Pavement Rehabilitation	96,000	91,000	-	-	-	3,000	1,000	1,000	-	-	-	-	-	-	5,000	91,000
216009	2		Castle Drive Pavement Rehabilitation	127,000	119,000	-	-	-	5,000	1,000	2,000	-	-	-	-	-	-	8,000	119,000
216010	2		Chalfont Drive Pavement Rehabilitation	156,000	151,000	-	-	-	3,000	1,000	1,000	-	-	-	-	-	-	5,000	151,000
216011	2		Diamond Court Pavement Rehabilitation	96,000	45,000	-	-	-	1,000	-	50,000	-	-	-	-	-	-	1,000	45,000
216012	2		Eddington Drive Pavement Rehabilitation	156,000	148,000	-	-	-	4,000	2,000	2,000	-	-	-	-	-	-	8,000	148,000
216013	2		Eddington Drive Pavement Rehabilitation	91,000	85,000	-	-	-	3,000	1,000	2,000	-	-	-	-	-	-	6,000	85,000
216014	2		Featherwood Pass Pavement Rehabilitation	55,000	50,000	-	-	-	3,000	1,000	1,000	-	-	-	-	-	-	5,000	50,000
216015	2		Fireside Court Pavement Rehabilitation	47,500	46,000	-	-	-	1,000	-	500	-	-	-	-	-	-	1,500	46,000
216016	2		Fountain Drive Pavement Rehabilitation	130,000	122,000	-	-	-	5,000	1,000	2,000	-	-	-	-	-	-	8,000	122,000
216017	2		Gas Light Drive Pavement Rehabilitation	100,000	95,000	-	-	-	3,000	1,000	1,000	-	-	-	-	-	-	5,000	95,000
216018	2		Innsbrooke Drive Pavement Rehabilitation	170,000	160,000	-	-	-	7,000	1,000	2,000	-	-	-	-	-	-	10,000	160,000
216021	2		New Haven Circle Pavement Rehabilitation	59,000	56,000	-	-	-	2,000	-	1,000	-	-	-	-	-	-	3,000	56,000
216022	2		Oconto Drive Pavement Rehabilitation	56,000	52,000	-	-	-	2,000	1,000	1,000	-	-	-	-	-	-	4,000	52,000
216023	2		Rustic Drive Pavement Rehabilitation	52,000	50,000	-	-	-	1,000	-	1,000	-	-	-	-	-	-	2,000	50,000
216024	2		Sapphire Way Pavement Rehabilitation	125,000	121,000	-	-	-	2,000	-	2,000	-	-	-	-	-	-	4,000	121,000
216025	2		Stagecoach Circle Pavement Rehabilitation	33,000	30,000	-	-	-	1,000	1,000	1,000	-	-	-	-	-	-	3,000	30,000
216026	2		Summerton Court Pavement Rehabilitation	29,750	28,000	-	-	-	1,000	250	500	-	-	-	-	-	-	1,750	28,000
216027	2		Sumter Circle Pavement Rehabilitation	22,250	21,000	-	-	-	1,000	-	250	-	-	-	-	-	-	1,250	21,000
216028	2		Valley Ridge Drive Pavement Rehabilitation	127,000	120,000	-	-	-	5,000	1,000	1,000	-	-	-	-	-	-	7,000	120,000
216029	2		Villa Circle Pavement Rehabilitation	66,000	62,000	-	-	-	2,000	1,000	1,000	-	-	-	-	-	-	4,000	62,000
216030	2		Walbridge Circle Pavement Rehabilitation	18,250	17,000	-	-	-	1,000	-	250	-	-	-	-	-	-	1,250	17,000
216031	2		Walker Court Pavement Rehabilitation	33,000	31,000	-	-	-	1,000	-	1,000	-	-	-	-	-	-	2,000	31,000
176016	3		Grand Ave Signal Loop Concrete Repairs	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	75,000
176018	3		Concrete Road Repair - Various	35,000	35,000	-	-	-	-	-	-	-	-	-	-	-	-	-	35,000
Multi-Modal																			
216051	3		Commercial Avenue Bike Path Replacement	44,000	44,000	-	-	-	-	-	-	-	-	-	-	-	-	-	44,000
Vehicles																			
217301	2		Motor Grader	290,000	-	-	-	290,000	-	-	-	-	-	-	-	-	-	-	-
217302	2		Wheeled End Loader	220,000	-	-	-	220,000	-	-	-	-	-	-	-	-	-	-	-
217303	2		Flatbed Dump Truck	53,000	-	-	-	53,000	-	-	-	-	-	-	-	-	-	-	-
Park Improvements																			
214003	3		Reserve Plat Dog Park Fencing	40,000	40,000	-	-	-	-	-	-	-	40,000	-	-	-	-	-	-
196011	3		Bike Loop Wayfinding Signs	15,000	15,000	-	-	-	-	-	-	-	15,000	-	-	-	-	-	-
214006	3		Royal Oaks Park Playground Replacement	40,000	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	40,000
184006	4		Sunny Valley Park Playground Replacement	31,000	31,000	-	-	-	-	-	-	-	-	-	-	-	-	-	31,000
Facilities																			
181505	3		Library Parking Lot	25,000	25,000	-	-	-	-	-	-	-	-	-	-	-	-	-	25,000
Water Pollution Control Facility~																			
168101	1		Remove Clearwater From Sewer System	500,000	-	-	-	-	500,000	-	-	-	-	-	-	-	-	-	-
168102	1		Phosphorous Treatment and Plant Capacity Upgra	200,000	-	-	-	-	200,000	-	-	-	-	-	-	-	-	200,000	-
218101	3		Replace Hickory Grove Lift Station	90,000	-	-	-	-	90,000	-	-	-	-	-	-	-	-	90,000	-
218102	3		Replace Influent Wet Well Controls and VFD's	70,000	-	-	-	-	70,000	-	-	-	-	-	-	-	-	70,000	-
218104	3		Replace Anoxic Tank Mixers (4)	52,000	-	-	-	-	52,000	-	-	-	-	-	-	-	-	52,000	-
218105	3		Replace Anoxic Tank Recirculation. Pumps (2)	33,000	-	-	-	-	33,000	-	-	-	-	-	-	-	-	33,000	-

SUN PRAIRIE
CAPITAL IMPROVEMENT PLAN
PROJECT COSTS 2021



				2021 PROJECT ESTIMATE	PROJECT COSTS						FUNDING SOURCES							2021 Borrowing		BORROWING
Proj #	Committee Priority	Department Priority	Project Name		City Allocation	TIF District	Library Special Revenue Fund	Fleet Replace Fund	Water Pollution Control Fund	Storm- Water Fund	Sun Prairie Utilities	Traffic Impact Fees	Park Fund	Grant/ Donation Fees	Other Municipal	Debt Proceeds Available	Cap Proj Fund Balance		Retained Earnings	Levy Funded
218106	3		Replace Secondary Clarifier Baffles	38,000	-	-	-	-	38,000	-	-	-	-	-	-	-	-	38,000	-	-
218107	3		Replace RAS Pumps (3)	60,000	-	-	-	-	60,000	-	-	-	-	-	-	-	-	60,000	-	-
218108	3		Replace WAS Pumps (2)	26,000	-	-	-	-	26,000	-	-	-	-	-	-	-	-	26,000	-	-
218109	3		Replace Aeration Tanks Blowers (4)	330,000	-	-	-	-	330,000	-	-	-	-	-	-	-	-	330,000	-	-
218112	3		Replace Digester Covers	280,000	-	-	-	-	280,000	-	-	-	-	-	-	-	-	280,000	-	-
218113	3		Replace W3 Pump Controls	70,000	-	-	-	-	70,000	-	-	-	-	-	-	-	-	70,000	-	-
218114	3		Replace GBT Feed Pumps (2)	28,000	-	-	-	-	28,000	-	-	-	-	-	-	-	-	28,000	-	-
218115	3		Replace Biosolids Boiler Recirculation. Pumps (3)	30,000	-	-	-	-	30,000	-	-	-	-	-	-	-	-	30,000	-	-
218117	3		Replace Biosolids Conveyor	58,000	-	-	-	-	58,000	-	-	-	-	-	-	-	-	58,000	-	-
218118	3		Replace SCADA System Wiring & PLCs	75,000	-	-	-	-	75,000	-	-	-	-	-	-	-	-	75,000	-	-
218119	3		Replace New Holland Tractor	25,000	-	-	-	-	25,000	-	-	-	-	-	-	-	-	25,000	-	-
218121	3		Replace Wheeled End Loader	220,000	-	-	-	-	220,000	-	-	-	-	-	-	-	-	220,000	-	-
218124	2		Replace #4 Raw Wastewater Pump	90,000	-	-	-	-	90,000	-	-	-	-	-	-	-	-	90,000	-	-
218125	3		Replace Grit Pumps(2)	40,000	-	-	-	-	40,000	-	-	-	-	-	-	-	-	40,000	-	-
218126	2		Replace Primary Tank Collectors	100,000	-	-	-	-	100,000	-	-	-	-	-	-	-	-	100,000	-	-
218128	2		Replace Secondary Clarifier Scum Pumps(2)	40,000	-	-	-	-	40,000	-	-	-	-	-	-	-	-	40,000	-	-
218129	2		Replace Aeration Channel Blowers(3)	75,000	-	-	-	-	75,000	-	-	-	-	-	-	-	-	75,000	-	-
218130	2		Replace Thompson 6" Portable Pump	25,000	-	-	-	-	25,000	-	-	-	-	-	-	-	-	25,000	-	-
218131	2		Replace WAS Tanks Blowers(3)	75,000	-	-	-	-	75,000	-	-	-	-	-	-	-	-	75,000	-	-
218134	2		Replace 80 Kw Portable Generator	30,000	-	-	-	-	30,000	-	-	-	-	-	-	-	-	30,000	-	-
Stormwater Utility																				
168531	1		TMDL - MMSD Adaptive Management	18,000	-	-	-	-	-	18,000	-	-	-	-	-	-	-	18,000	-	-
198531	3		TMDL - Water Quality Projects	200,000	-	-	-	-	-	200,000	-	-	-	-	-	-	-	-	200,000	-
			Debt Issuance Costs	151,600	97,700	-	-	11,300	12,200	12,300	18,100	-	-	-	-	-	-	-	151,600	97,700
TOTAL CAPITAL IMPROVEMENT PLAN				\$ 10,076,350	\$ 5,044,700	\$ -	\$ -	\$ 574,300	\$ 2,848,200	\$ 659,550	\$ 949,600	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ 2,289,750	19,731,600	\$ 4,989,700

SUN PRAIRIE
CAPITAL IMPROVEMENT PLAN
PROJECT COSTS 2022



				2022 PROJECT ESTIMATE	PROJECT COSTS						FUNDING SOURCES							2022 Borrowing	BORROWING	
Proj #	Committee Priority	Department Priority	Project Name		City Allocation	TIF District	Library Special Revenue Fund	Fleet Replace Fund	Water Pollution Control Fund	Storm- Water Fund	Sun Prairie Utilities	Traffic Impact Fees	Park Fund	Grant/ Donation Fees	Other Municipal	Debt Proceeds Available	Cap Proj Fund Balance		Retained Earnings	Levy Funded
Street Reconstruction																				
226001	2		Dover Way Reconstruction	335,000	220,000	-	-	-	15,000	-	100,000	-	-	-	-	-	-	-	220,000	
226002	2		Harvard Drive Reconstruction	608,000	340,000	-	-	-	23,000	85,000	160,000	-	-	-	-	-	-	-	340,000	
226003	2		Major Way Reconstruction	656,000	372,000	-	-	-	54,000	30,000	200,000	-	-	-	-	-	-	-	372,000	
226004	2		Queens Street Reconstruction	583,000	330,000	-	-	-	28,000	65,000	160,000	-	-	-	-	-	-	-	330,000	
226005	2		Ring Street Reconstruction	497,000	320,000	-	-	-	15,000	2,000	160,000	-	-	-	-	-	-	2,000	320,000	
226008	2		Major Way Reconstruction	197,000	110,000	-	-	-	17,000	10,000	60,000	-	-	-	-	-	-	-	110,000	
226009	2		Montana Avenue Reconstruction	927,000	775,000	-	-	-	74,000	75,000	3,000	-	-	-	-	-	-	3,000	775,000	
226010	2		Audley Drive Reconstruction	488,000	445,000	-	-	-	39,000	2,000	2,000	-	-	-	-	-	-	4,000	445,000	
226011	2		Crossing Ridge Trail Reconstruction	34,000	-	-	-	-	32,000	-	2,000	-	-	-	-	-	-	2,000	-	
226012	2		Crossing Ridge Court Reconstruction	68,500	60,000	-	-	-	8,000	-	500	-	-	-	-	-	-	8,500	60,000	
226013	2		Summit Avenue Reconstruction	1,026,000	425,000	-	-	-	51,000	250,000	300,000	-	-	-	-	-	-	-	425,000	
Street Pavement Rehab																				
226007	2		Covey Street Rehabilitation	77,000	23,000	-	-	-	1,000	-	53,000	-	-	-	-	-	-	1,000	23,000	
226014	2		Chadsworth Drive Pavement Rehabilitation	145,000	135,000	-	-	-	6,000	2,000	2,000	-	-	-	-	-	-	10,000	135,000	
226015	2		North Street Pavement Rehabilitation	131,000	125,000	-	-	-	3,000	1,000	2,000	-	-	-	-	-	-	6,000	125,000	
226016	2		Union Street Pavement Rehabilitation	153,000	145,000	-	-	-	5,000	1,000	2,000	-	-	-	-	-	-	8,000	145,000	
226017	2		Jones Street Pavement Rehabilitation	167,000	160,000	-	-	-	4,000	1,000	2,000	-	-	-	-	-	-	7,000	160,000	
226018	2		St. Albert the Great Pavement Rehabilitation	258,000	250,000	-	-	-	5,000	-	3,000	-	-	-	-	-	-	8,000	250,000	
226019	2		Lynwood Drive Pavement Rehabilitation	167,000	160,000	-	-	-	5,000	1,000	1,000	-	-	-	-	-	-	7,000	160,000	
226020	2		Amberson Drive Pavement Rehabilitation	94,000	90,000	-	-	-	2,000	1,000	1,000	-	-	-	-	-	-	4,000	90,000	
226021	2		Brighton Drive Pavement Rehabilitation	45,000	40,000	-	-	-	3,000	1,000	1,000	-	-	-	-	-	-	5,000	40,000	
226022	2		Bethany Court Pavement Rehabilitation	22,500	20,000	-	-	-	2,000	-	500	-	-	-	-	-	-	2,500	20,000	
226023	2		O'Keeffe Avenue Pavement Rehabilitation	362,000	355,000	-	-	-	2,000	2,000	3,000	-	-	-	-	-	-	7,000	355,000	
Transportation Improvements																				
Multi-Modal																				
216052	3		Grove Street Bike Path Replacement	51,794	51,794	-	-	-	-	-	-	-	-	-	-	-	-	7,000	44,794	
Vehicles																				
227301	5		Wheeled End Loader with plow and wing	230,000	-	-	-	230,000	-	-	-	-	-	-	-	-	-	-	-	
227302	3		Patrol Truck	241,000	-	-	-	241,000	-	-	-	-	-	-	-	-	-	-	-	
227303	3		Pick Up Truck w/ Plow	50,000	-	-	-	50,000	-	-	-	-	-	-	-	-	-	-	-	
Park Improvements																				
224005	3		Pheasant Run Park Playground Replacement	26,000	26,000	-	-	-	-	-	-	-	-	-	-	-	-	-	26,000	
224006	3		Cardinal Crest Park Playground Replacement	33,500	33,500	-	-	-	-	-	-	-	-	-	-	-	-	-	33,500	
224008	3		Fox Point Multi-Use Court	50,000	50,000	-	-	-	-	-	-	-	50,000	-	-	-	-	-	-	
224009	3		Thoreau Multi-Use Court	50,000	50,000	-	-	-	-	-	-	-	50,000	-	-	-	-	-	-	
224010	3		Westwynde Multi-Use Court	50,000	50,000	-	-	-	-	-	-	-	50,000	-	-	-	-	-	-	
224011	3		Hunter's Ridge Multi-Use Court	50,000	50,000	-	-	-	-	-	-	-	50,000	-	-	-	-	-	-	
Facilities																				
181505	3		Library Parking Lot	170,000	170,000	-	-	-	-	-	-	-	-	-	-	-	-	-	170,000	
Water Pollution Control Facility~																				
168101	1		Remove Clearwater From Sewer System	285,000	-	-	-	-	285,000	-	-	-	-	-	-	-	-	-	-	
228105	2		Replace UV Tank Blowers(2)	60,000	-	-	-	-	60,000	-	-	-	-	-	-	-	-	-	-	
228106	2		Replace Filter Building Heat/Venting System	30,000	-	-	-	-	30,000	-	-	-	-	-	-	-	-	-	-	
Stormwater Utility																				
168531	1		TMDL - MMSD Adaptive Management	18,000	-	-	-	-	-	18,000	-	-	-	-	-	-	-	-	-	
198531	3		TMDL - Water Quality Projects	200,000	-	-	-	-	-	200,000	-	-	-	-	-	-	-	-	-	
			Debt Issuance Costs	166,900	103,400	-	-	10,400	14,500	14,700	23,900	-	-	-	-	-	-	-	-	
TOTAL CAPITAL IMPROVEMENT PLAN				\$ 8,803,194	\$ 5,484,694	\$ -	\$ -	\$ 531,400	\$ 783,500	\$ 761,700	\$ 1,241,900	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 92,000	8,511,194	\$ 5,277,694

~ Please see the WPCF Equipment Replacement plan in the WPCF budget for a full listing of equipment replacement

STREETS PROJECTS

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186002
Project Name Benz Court Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 3 Average



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project will extend from Davis to the end of Benz Court.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35-years past the date of their original construction. These streets typically require extensive upgrades to the existing underground utilities. Because of these factors the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	198,000					198,000
Total	198,000					198,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	124,000					124,000
Stormwater Fund	1,000					1,000
Sun Prairie Utilities	62,000					62,000
Wastewater Fund	11,000					11,000
Total	198,000					198,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186005
Project Name E. Goodland Street Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 3 Average



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Bristol Street to Benz Court.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35-years past the date of their original construction. These streets typically require extensive upgrades to the existing underground utilities. Because of these factors the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	623,000					623,000
Total	623,000					623,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	356,000					356,000
Stormwater Fund	44,000					44,000
Sun Prairie Utilities	187,000					187,000
Wastewater Fund	36,000					36,000
Total	623,000					623,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186006
Project Name Hoover Street Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 3 Average



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Bristol to Davis.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35-years past the date of their original construction. These streets typically require extensive upgrades to the existing underground utilities. Because of these factors the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	469,000					469,000
Total	469,000					469,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	260,000					260,000
Stormwater Fund	20,000					20,000
Sun Prairie Utilities	155,000					155,000
Wastewater Fund	34,000					34,000
Total	469,000					469,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186007
Project Name E. Kohler Street Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 3 Average



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Bristol to Taft.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35-years past the date of their original construction. These streets typically require extensive upgrades to the existing underground utilities. Because of these factors the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	361,000					361,000
Total	361,000					361,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	190,000					190,000
Stormwater Fund	42,000					42,000
Sun Prairie Utilities	105,000					105,000
Wastewater Fund	24,000					24,000
Total	361,000					361,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186008
Project Name E. MacArthur Street Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 3 Average



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project extends from Bristol Street east to the end of E. MacArthur Street.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35-years past the date of their original construction. These streets typically require extensive upgrades to the existing underground utilities. Because of these factors the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	894,000					894,000
Total	894,000					894,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	431,000					431,000
Grants & Donations	60,000					60,000
Stormwater Fund	75,000					75,000
Sun Prairie Utilities	293,000					293,000
Wastewater Fund	35,000					35,000
Total	894,000					894,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186009
Project Name W. Main Street Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 3 Average



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. This street's asphalt will be replaced with concrete.

New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Union to Bristol.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Because of these factors the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

It is expected that the City will need to borrow (GO Borrowing) to complete this project. The City will special assess for sanitary sewer laterals to offset a portion of the costs.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	685,000					685,000
Total	685,000					685,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	574,000					574,000
Stormwater Fund	3,000					3,000
Sun Prairie Utilities	4,000					4,000
Wastewater Fund	104,000					104,000
Total	685,000					685,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186011
Project Name Taft Street Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 3 Average



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are E. Goodland to Hoover.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35-years past the date of their original construction. These streets typically require extensive upgrades to the existing underground utilities. Because of these factors the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	578,000					578,000
Total	578,000					578,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	310,000					310,000
Stormwater Fund	68,000					68,000
Sun Prairie Utilities	170,000					170,000
Wastewater Fund	30,000					30,000
Total	578,000					578,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186013
Project Name Barrington Circle Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 4 Fairly Low



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	54,000					54,000
Total	54,000					54,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	50,000					50,000
Stormwater Fund	1,000					1,000
Sun Prairie Utilities	1,000					1,000
Wastewater Fund	2,000					2,000
Total	54,000					54,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186014
Project Name Barrington Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 4 Fairly Low



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project's limits are Eddington to Steven.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	109,000					109,000
Total	109,000					109,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	104,000					104,000
Stormwater Fund	1,000					1,000
Sun Prairie Utilities	1,000					1,000
Wastewater Fund	3,000					3,000
Total	109,000					109,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186016
Project Name Dickson Dr (Wallingford - Plat) Pavement Rehab

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 4 Fairly Low



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project's limits are Wallingford to Plat.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	91,000					91,000
Total	91,000					91,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	87,000					87,000
Stormwater Fund	0					0
Sun Prairie Utilities	1,000					1,000
Wastewater Fund	3,000					3,000
Total	91,000					91,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186017
Project Name Dickson Dr (Plat - Broadway) Pavement Rehab

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 4 Fairly Low



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project's limits are Plat Line to Broadway.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	28,000					28,000
Total	28,000					28,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	25,000					25,000
Stormwater Fund	1,000					1,000
Sun Prairie Utilities	1,000					1,000
Wastewater Fund	1,000					1,000
Total	28,000					28,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186018
Project Name Eddington Dr (19 to Steven) Pavement Rehab

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 4 Fairly Low



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after initial street construction.

This project's limits are State Highway 19 to Steven.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	157,000					157,000
Total	157,000					157,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	148,000					148,000
Stormwater Fund	1,500					1,500
Sun Prairie Utilities	1,500					1,500
Wastewater Fund	6,000					6,000
Total	157,000					157,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186025
Project Name Vine Street Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 4 Fairly Low



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after initial street construction.

This project extends from W. Main to Columbus.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	109,000					109,000
Total	109,000					109,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	102,000					102,000
Stormwater Fund	0					0
Sun Prairie Utilities	2,000					2,000
Wastewater Fund	5,000					5,000
Total	109,000					109,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186026
Project Name Wallingford Circle Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 4 Fairly Low



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	57,000					57,000
Total	57,000					57,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	51,000					51,000
Stormwater Fund	1,000					1,000
Sun Prairie Utilities	1,000					1,000
Wastewater Fund	4,000					4,000
Total	57,000					57,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186027
Project Name Wallingford Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 4 Fairly Low



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from Eddington to Dickinson.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30-years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	110,000					110,000
Total	110,000					110,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	104,000					104,000
Stormwater Fund	1,000					1,000
Sun Prairie Utilities	1,000					1,000
Wastewater Fund	4,000					4,000
Total	110,000					110,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186034
Project Name Knorr Street Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 4 Fairly Low



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

The limits of this project are E. Klubertanz to Wagner Court.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	389,000					389,000
Total	389,000					389,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	202,000					202,000
Stormwater Fund	68,000					68,000
Sun Prairie Utilities	101,000					101,000
Wastewater Fund	18,000					18,000
Total	389,000					389,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186035
Project Name Baitinger Court Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 4 Fairly Low



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter, replacement of the bituminous asphalt pavement, and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	554,000					554,000
Total	554,000					554,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	317,000					317,000
Stormwater Fund	53,000					53,000
Sun Prairie Utilities	160,000					160,000
Wastewater Fund	24,000					24,000
Total	554,000					554,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186036
Project Name Wagner Court Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 4 Fairly Low



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	371,000					371,000
Total	371,000					371,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	220,000					220,000
Stormwater Fund	35,000					35,000
Sun Prairie Utilities	106,000					106,000
Wastewater Fund	10,000					10,000
Total	371,000					371,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186037
Project Name Chase Boulevard Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 3 Average



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project extends from Blankenheim to the end of Chase Boulevard.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	756,000					756,000
Total	756,000					756,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	350,000					350,000
Stormwater Fund	148,000					148,000
Sun Prairie Utilities	213,000					213,000
Wastewater Fund	45,000					45,000
Total	756,000					756,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186038
Project Name W Klubertanz Dr (Bristol to North) Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 4 Fairly Low



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Bristol to North.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	590,000					590,000
Total	590,000					590,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	325,000					325,000
Stormwater Fund	35,000					35,000
Sun Prairie Utilities	195,000					195,000
Wastewater Fund	35,000					35,000
Total	590,000					590,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186039
Project Name W Klubertanz Dr (Summit to North) Rehabilitation

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 4 Fairly Low



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project's limits are Summit Avenue to North Street.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30-years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	388,000					388,000
Total	388,000					388,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	127,000					127,000
Stormwater Fund	43,000					43,000
Sun Prairie Utilities	217,000					217,000
Wastewater Fund	1,000					1,000
Total	388,000					388,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186045
Project Name Schiller Street Rehabilitation

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is a Pavement Rehabilitation Project. This street has a deteriorating pavement and is in need of resurfacing. The street will include curb & gutter spot repairs, bituminous asphalt pavement, water valve replacements, and possible minor sanitary sewer work. The WWTP will be responsible for funding the sanitary sewer improvements; the Stormwater Utility responsible for the storm sewer improvements; and SP Utilities for the water valve improvements.

This project extends from Windsor to the end of Schiller Street.

Justification

This street has deteriorating pavement. By addressing the pavement at this time the street can be resurfaced while avoiding a more costly reconstruction project in the near future. This rehabilitation should eliminate any major maintenance work for a period of 25 years or more.

The water supply and pressure on this street is insufficient for fire fighting. The water utility needs to replace current infrastructure to remedy this issue.

Parts of this street require new curb and gutter to better direct storm water runoff. Currently, there are issues with ice dams forming due to inadequate drainage.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	285,000					285,000
Total	285,000					285,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	88,000					88,000
Stormwater Fund	1,000					1,000
Sun Prairie Utilities	180,000					180,000
Wastewater Fund	16,000					16,000
Total	285,000					285,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186046
Project Name Arabian Court Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is a Pavement Rehabilitation Project. This street has a deteriorating pavement and is in need of resurfacing. The street will include curb & gutter spot repairs, bituminous asphalt pavement, water valve replacements, and possible minor sanitary sewer work. The WWTP will be responsible for funding the sanitary sewer improvements; the Stormwater Utility responsible for the storm sewer improvements; and SP Utilities for the water valve improvements.

Justification

This street has deteriorating pavement. By addressing the pavement at this time the street can be resurfaced while avoiding a more costly reconstruction project in the near future. This rehabilitation should eliminate any major maintenance work for a period of 25 years or more.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	65,000					65,000
Total	65,000					65,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	60,000					60,000
Stormwater Fund	1,000					1,000
Sun Prairie Utilities	1,000					1,000
Wastewater Fund	3,000					3,000
Total	65,000					65,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186047
Project Name Allison Street Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 3 Average



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Vandenburg to Tara.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	40,000					40,000
Total	40,000					40,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	34,000					34,000
Stormwater Fund	1,000					1,000
Sun Prairie Utilities	1,000					1,000
Wastewater Fund	4,000					4,000
Total	40,000					40,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186048
Project Name Daniel Street Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 3 Average



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This portion of the project extends from Betty Lee to Donald.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	39,000					39,000
Total	39,000					39,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	35,000					35,000
Stormwater Fund	1,000					1,000
Sun Prairie Utilities	1,000					1,000
Wastewater Fund	2,000					2,000
Total	39,000					39,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186049
Project Name Daniel Street Stormwater & Pavement Rehab

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 3 Average



Description

Storm sewer projects are scheduled to take place concurrently with the pavement rehabilitation or total reconstruction of the streets. Pavement rehabilitation includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This portion of the project extends from Steven to Betty Lee.

Justification

Storm sewer inlets and pipes remove surface water from streets and curb and gutter which extends the longevity of the street by reducing the opportunities for freeze/thaw damage to asphalt and concrete. Additionally, active sump pumps are provided direct connection to the storm sewers to remove this contribution to the surface water. Under larger storms, inlets and pipes can reduce street ponding of water and provide safe passage of vehicles.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	149,000					149,000
Total	149,000					149,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	44,000					44,000
Stormwater Fund	85,000					85,000
Sun Prairie Utilities	1,000					1,000
Wastewater Fund	19,000					19,000
Total	149,000					149,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186050
Project Name Betty Lee Court Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 3 Average



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	34,000					34,000
Total	34,000					34,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	31,000					31,000
Stormwater Fund	1,000					1,000
Sun Prairie Utilities	1,000					1,000
Wastewater Fund	1,000					1,000
Total	34,000					34,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186051
Project Name Steven Street Stormwater & Pavement Rehab

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 3 Average



Description

Storm sewer projects are scheduled to take place concurrently with the pavement rehabilitation or total reconstruction of the streets. Pavement rehabilitation includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from Daniel to Vandenburg.

Justification

Storm sewer inlets and pipes remove surface water from streets and curb and gutter which extends the longevity of the street by reducing the opportunities for freeze/thaw damage to asphalt and concrete. Additionally, active sump pumps are provided direct connection to the storm sewers to remove this contribution to the surface water. Under larger storms, inlets and pipes can reduce street ponding of water and provide safe passage of vehicles.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	169,000					169,000
Total	169,000					169,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	66,000					66,000
Stormwater Fund	83,000					83,000
Sun Prairie Utilities	1,000					1,000
Wastewater Fund	19,000					19,000
Total	169,000					169,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project #	186052		
Project Name	Vandenburg St Stormwater & Pavement Rehab		
Type	Improvement	Department	Engineering
Useful Life	25 years	Contact	City Engineer
Category	Street Pavement Rehabilitation	Priority	3 Average



Description

Storm sewer projects are scheduled to take place concurrently with the pavement rehabilitation or total reconstruction of the streets. Pavement rehabilitation includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after initial construction.

This project extends from Steven to Jerico.

Justification

Storm sewer inlets and pipes remove surface water from streets and curb and gutter which extends the longevity of the street by reducing the opportunities for freeze/thaw damage to asphalt and concrete. Additionally, active sump pumps are provided direct connection to the storm sewers to remove this contribution to the surface water. Under larger storms, inlets and pipes can reduce street ponding of water and provide safe passage of vehicles.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	221,000					221,000
Total	221,000					221,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	36,000					36,000
Stormwater Fund	107,000					107,000
Sun Prairie Utilities	65,000					65,000
Wastewater Fund	13,000					13,000
Total	221,000					221,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186053
Project Name Parkview Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 4 Fairly Low



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from W. MacArthur to W. Klubertanz.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	125,000					125,000
Total	125,000					125,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	45,000					45,000
Stormwater Fund	1,000					1,000
Sun Prairie Utilities	78,000					78,000
Wastewater Fund	1,000					1,000
Total	125,000					125,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186056
Project Name North City Station Drive

Type New
Useful Life 25 years
Category Street Construction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The extension of North City Station Drive from W. Main Street to Grand Avenue will complete the City Station loop around the Grand Avenue/W. Main Street roundabout.

The project will include pavement, curb and gutter, sidewalk, multi-use path, water main and storm sewer.

Justification

The project will provide a connection to the Grand Avenue elementary school from W. Main Street without adding traffic to Grand Avenue.

The road right of way is dedicated mainly from the Western Sunset Estates plat with a portion dedicated by the Sun Prairie Area School District. Special Assessments will be included in this project and each developer will be financially responsible for the street improvements.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	526,000					526,000
Total	526,000					526,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	360,000					360,000
Stormwater Fund	66,000					66,000
Sun Prairie Utilities	100,000					100,000
Total	526,000					526,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186032
Project Name S. Thompson Road Reconstruction

Type Replacement
Useful Life 25 years
Category Street Construction

Department Planning
Contact Planning Director
Priority 2 High



Description

This project involves the reconstruction of S. Thompson Road from the roundabout at Main Street south to the bend in the roadway at Brooks Drive. This is a Westside Traffic Impact Fee project that will be needed to serve the adjacent development lands, as well as through traffic in this area. The roadway will be a three-lane urban-section roadway with a shared turning lane, curb and gutter and sidewalks or bike trails on both sides along most of its length, with the exception of the frontage along Highway 151, where pedestrian facilities may not be located along the south side. The construction of the roadway should be timed with the construction of the NW Koshkonong Stormwater Facility. It is important to note that no design budget was provided for this roadway in the 2017 budget. A budget amendment may be warranted to keep the roadway construction on pace with the stormwater facility.

Justification

With the opening of many new retail establishments in the Prairie Lakes vicinity, the existing town road in this location is beginning to experience a significant increase in traffic already, despite the fact that most lands adjacent to the roadway are undeveloped. It is a two-lane roadway with a rural section, and is beginning to show significant wear and tear. Although most of this roadway is located within the Town of Burke, the City has been maintaining the roadway for some time due to a maintenance agreement with the Town. It is likely that this maintenance burden will increase as the roadway ages and traffic continues to increase. The City has now purchased the Schneider Property occupying most of the frontage along this roadway, and it is important that the roadway be reconstructed along with or prior to the development of the site. As an impact fee project, the City has been collecting fees toward this project and needs to complete it within a reasonable timeframe.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	2,047,000					2,047,000
Total	2,047,000					2,047,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	437,045					437,045
Stormwater Fund	119,520					119,520
Sun Prairie Utilities	400,000					400,000
Traffic Impact Fee Fund	840,435					840,435
Wastewater Fund	250,000					250,000
Total	2,047,000					2,047,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186001
Project Name Allen Ave Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 4 Fairly Low



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Roland to Clements.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35-years past the date of their original construction. These streets typically require extensive upgrades to the existing underground utilities. Because of these factors the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		536,000				536,000
Total		536,000				536,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		270,000				270,000
Stormwater Fund		74,000				74,000
Sun Prairie Utilities		180,000				180,000
Wastewater Fund		12,000				12,000
Total		536,000				536,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186003
Project Name Clements Avenue Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 4 Fairly Low



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Allen to Frederick.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35-years past the date of their original construction. These streets typically require extensive upgrades to the existing underground utilities. Because of these factors the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		241,000				241,000
Total		241,000				241,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		170,000				170,000
Sun Prairie Utilities		60,000				60,000
Wastewater Fund		11,000				11,000
Total		241,000				241,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186012
Project Name Williamson Avenue Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 4 Fairly Low



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are W. Main to Frederick.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35-years past the date of their original construction. These streets typically require extensive upgrades to the existing underground utilities. Because of these factors the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		440,000				440,000
Total		440,000				440,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		270,000				270,000
Stormwater Fund		45,000				45,000
Sun Prairie Utilities		124,000				124,000
Wastewater Fund		1,000				1,000
Total		440,000				440,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196002
Project Name Broadway Drive Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

The limits of this project are State Highway 19 to New Haven.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		1,206,000				1,206,000
Total		1,206,000				1,206,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		911,000				911,000
Stormwater Fund		207,000				207,000
Sun Prairie Utilities		3,000				3,000
Wastewater Fund		85,000				85,000
Total		1,206,000				1,206,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196003
Project Name Buena Vista Drive Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

The limits of this project are Rickel to Ruby.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		1,159,000				1,159,000
Total		1,159,000				1,159,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		510,000				510,000
Stormwater Fund		258,000				258,000
Sun Prairie Utilities		325,000				325,000
Wastewater Fund		66,000				66,000
Total		1,159,000				1,159,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196004
Project Name Clara Street Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

The limits of this project are Columbus to Musket Ridge.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		569,000				569,000
Total		569,000				569,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		398,000				398,000
Stormwater Fund		115,000				115,000
Sun Prairie Utilities		3,000				3,000
Wastewater Fund		53,000				53,000
Total		569,000				569,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196005
Project Name Gerald Avenue Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

The limits of this project are Columbus to Clara.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		814,000				814,000
Total		814,000				814,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		440,000				440,000
Stormwater Fund		64,000				64,000
Sun Prairie Utilities		265,000				265,000
Wastewater Fund		45,000				45,000
Total		814,000				814,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196006
Project Name Jerico Lane Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project extends from Steven to Renstone Plat.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		1,265,000				1,265,000
Total		1,265,000				1,265,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		640,000				640,000
Stormwater Fund		225,000				225,000
Sun Prairie Utilities		340,000				340,000
Wastewater Fund		60,000				60,000
Total		1,265,000				1,265,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196007
Project Name N. Pine Street Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project extends from Vandenburg to Pine.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		607,000				607,000
Total		607,000				607,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		359,000				359,000
Stormwater Fund		123,000				123,000
Sun Prairie Utilities		123,000				123,000
Wastewater Fund		2,000				2,000
Total		607,000				607,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196008
Project Name Pine Street Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction
Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project extends from N. Pine to Juniper.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		1,011,000				1,011,000
Total		1,011,000				1,011,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		542,000				542,000
Stormwater Fund		110,000				110,000
Sun Prairie Utilities		334,000				334,000
Wastewater Fund		25,000				25,000
Total		1,011,000				1,011,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196009
Project Name Ruby Lane Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project extends from Main to Buena Vista.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		395,000				395,000
Total		395,000				395,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		158,000				158,000
Stormwater Fund		146,000				146,000
Sun Prairie Utilities		82,000				82,000
Wastewater Fund		9,000				9,000
Total		395,000				395,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196014
Project Name Donald Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from Bruce to Allison.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		93,000				93,000
Total		93,000				93,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		88,000				88,000
Stormwater Fund		1,000				1,000
Sun Prairie Utilities		1,000				1,000
Wastewater Fund		3,000				3,000
Total		93,000				93,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196015
Project Name Ernest Avenue Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Columbus to Elizabeth.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		204,000				204,000
Total		204,000				204,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		66,000				66,000
Stormwater Fund		2,000				2,000
Sun Prairie Utilities		134,000				134,000
Wastewater Fund		2,000				2,000
Total		204,000				204,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196016
Project Name N. Musket Ridge Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from State Highway 19 to Thomas.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		263,000				263,000
Total		263,000				263,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		250,000				250,000
Stormwater Fund		3,000				3,000
Sun Prairie Utilities		3,000				3,000
Wastewater Fund		7,000				7,000
Total		263,000				263,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196017
Project Name Spoke Circle Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		34,000				34,000
Total		34,000				34,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		30,000				30,000
Stormwater Fund		1,000				1,000
Sun Prairie Utilities		1,000				1,000
Wastewater Fund		2,000				2,000
Total		34,000				34,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196018
Project Name Steven Street Storm & Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

The Storm sewer extension program identifies areas of the city that are absent of storm sewer systems. Introducing a storm sewer system can remove surface water from streets and curb, hook up sump pumps and increase the longevity of the street by reducing the freeze/thaw damage to asphalt and concrete.

The 2017 Renstone project includes the installation of a new storm sewer collection and conveyance system. Phase 1 of Renstone in 2016 started near Batz Pond and extends up through an easement located east of Jennifer Court and out to Steven Street. The Phase 2 project includes the extension of storm pipe and inlets on Lori Lane, Bruce Street, and Woodsend Court. Future phases of this project extend storm sewer to the west to Blaser Court, and to the east to Vandenburg Street.

This project extends from Blaser to Lori.

Justification

Storm sewer inlets and pipes remove surface water from streets and curb and gutter which extends the longevity of the street by reducing the opportunities for freeze/thaw damage to asphalt and concrete. Additionally, active sump pumps are provided direct connection to the storm sewers to remove this contribution to the surface water. Under larger storms, inlets and pipes can reduce street ponding of water and provide safe passage of vehicles.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		290,000				290,000
Total		290,000				290,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		103,000				103,000
Stormwater Fund		146,000				146,000
Sun Prairie Utilities		2,000				2,000
Wastewater Fund		39,000				39,000
Total		290,000				290,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196042
Project Name Scheuerell Lane Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Elizabeth to Woodview.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		479,000				479,000
Total		479,000				479,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		260,000				260,000
Stormwater Fund		18,000				18,000
Sun Prairie Utilities		167,000				167,000
Wastewater Fund		34,000				34,000
Total		479,000				479,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196043
Project Name Elizabeth Lane Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Scheuerell to Earnest.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		488,000				488,000
Total		488,000				488,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		267,000				267,000
Stormwater Fund		57,000				57,000
Sun Prairie Utilities		142,000				142,000
Wastewater Fund		22,000				22,000
Total		488,000				488,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196044
Project Name Elizabeth Court Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		104,000				104,000
Total		104,000				104,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		42,000				42,000
Sun Prairie Utilities		59,000				59,000
Wastewater Fund		3,000				3,000
Total		104,000				104,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196045
Project Name Stonehaven Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project's limits are Boulder Way to Bristol (+/-).

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		114,000				114,000
Total		114,000				114,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		109,000				109,000
Sun Prairie Utilities		2,000				2,000
Wastewater Fund		3,000				3,000
Total		114,000				114,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196046
Project Name Boulder Way Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project's limits are Stonehaven to Terrace Chase.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		108,000				108,000
Total		108,000				108,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		103,000				103,000
Sun Prairie Utilities		2,000				2,000
Wastewater Fund		3,000				3,000
Total		108,000				108,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196047
Project Name Kuhle Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Broome to Terrace Chase.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		176,000				176,000
Total		176,000				176,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		169,000				169,000
Sun Prairie Utilities		2,000				2,000
Wastewater Fund		5,000				5,000
Total		176,000				176,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196048
Project Name Terrace Chase Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Pebblebrook to Bristol.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		82,000				82,000
Total		82,000				82,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		78,000				78,000
Sun Prairie Utilities		1,000				1,000
Wastewater Fund		3,000				3,000
Total		82,000				82,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196049
Project Name Pebblebrook Trail Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from Stonehaven to Terrace Limit.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		79,000				79,000
Total		79,000				79,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		74,000				74,000
Sun Prairie Utilities		1,000				1,000
Wastewater Fund		4,000				4,000
Total		79,000				79,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206010
Project Name Blaser Court Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		64,250				64,250
Total		64,250				64,250

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		63,000				63,000
Stormwater Fund		0				0
Sun Prairie Utilities		250				250
Wastewater Fund		1,000				1,000
Total		64,250				64,250

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206019
Project Name Frederick Street Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Davison to N. Bird.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		312,000				312,000
Total		312,000				312,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		135,000				135,000
Stormwater Fund		1,000				1,000
Sun Prairie Utilities		175,000				175,000
Wastewater Fund		1,000				1,000
Total		312,000				312,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206001
Project Name Beech Court Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			274,000			274,000
Total			274,000			274,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			185,000			185,000
Sun Prairie Utilities			75,000			75,000
Wastewater Fund			14,000			14,000
Total			274,000			274,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206002
Project Name Buena Vista Drive Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project extends from Ruby to N. Bird.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			1,356,000			1,356,000
Total			1,356,000			1,356,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			809,000			809,000
Stormwater Fund			95,000			95,000
Sun Prairie Utilities			390,000			390,000
Wastewater Fund			62,000			62,000
Total			1,356,000			1,356,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206003
Project Name Juniper Street Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project extends from Aspen to Vandenburg.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			866,000			866,000
Total			866,000			866,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			480,000			480,000
Stormwater Fund			80,000			80,000
Sun Prairie Utilities			280,000			280,000
Wastewater Fund			26,000			26,000
Total			866,000			866,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206004
Project Name Miller Street Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project extends from Davis to Knorr.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			672,000			672,000
Total			672,000			672,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			380,000			380,000
Stormwater Fund			80,000			80,000
Sun Prairie Utilities			185,000			185,000
Wastewater Fund			27,000			27,000
Total			672,000			672,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206006
Project Name Surrey Drive Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project extends from Pilgrim to Cardinal Crest Plat.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			250,000			250,000
Total			250,000			250,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			205,000			205,000
Stormwater Fund			43,000			43,000
Sun Prairie Utilities			1,000			1,000
Wastewater Fund			1,000			1,000
Total			250,000			250,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206007
Project Name Trapp Street Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project extends from Davis to Wagner Court.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			632,000			632,000
Total			632,000			632,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			520,000			520,000
Stormwater Fund			80,000			80,000
Sun Prairie Utilities			2,000			2,000
Wastewater Fund			30,000			30,000
Total			632,000			632,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206011
Project Name N. Bristol Street Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Main to Goodland.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30-years ago. Streets that are reconstructed as part of this program are expected to provide another 25-years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			375,000			375,000
Total			375,000			375,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			370,000			370,000
Stormwater Fund			2,000			2,000
Sun Prairie Utilities			2,000			2,000
Wastewater Fund			1,000			1,000
Total			375,000			375,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206012
Project Name S. Bristol Street Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Linnerud to Main.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			147,000			147,000
Total			147,000			147,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			140,000			140,000
Stormwater Fund			1,000			1,000
Sun Prairie Utilities			1,000			1,000
Wastewater Fund			5,000			5,000
Total			147,000			147,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206013
Project Name Cobblestone Court Pavement Rehabilitation

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			31,250			31,250
Total			31,250			31,250

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			30,000			30,000
Sun Prairie Utilities			250			250
Wastewater Fund			1,000			1,000
Total			31,250			31,250

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206014
Project Name Colorado Avenue Storm & Pavement Rehab

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

Storm sewer projects are scheduled to take place concurrently with the pavement rehabilitation or total reconstruction of the streets. Pavement rehabilitation includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Storm sewer inlets and pipes remove surface water from streets and curb and gutter which extends the longevity of the street by reducing the opportunities for freeze/thaw damage to asphalt and concrete. Additionally, active sump pumps are provided direct connection to the storm sewers to remove this contribution to the surface water. Under larger storms, inlets and pipes can reduce street ponding of water and provide safe passage of vehicles.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			140,000			140,000
Total			140,000			140,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			45,000			45,000
Stormwater Fund			65,000			65,000
Sun Prairie Utilities			12,000			12,000
Wastewater Fund			18,000			18,000
Total			140,000			140,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206015
Project Name Commerce Drive Pavement Rehabilitation

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Business Park to Progress Way.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			82,500			82,500
Total			82,500			82,500

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			77,000			77,000
Stormwater Fund			500			500
Sun Prairie Utilities			2,000			2,000
Wastewater Fund			3,000			3,000
Total			82,500			82,500

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206016
Project Name Corporate Center Dr. Pavement Rehabilitation

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from Wilburn to Progress Way.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			172,000			172,000
Total			172,000			172,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			166,000			166,000
Stormwater Fund			1,000			1,000
Sun Prairie Utilities			1,000			1,000
Wastewater Fund			4,000			4,000
Total			172,000			172,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206017
Project Name Craftsman Way Pavement Rehabilitation

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends the entire length of Craftsman Way.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			180,000			180,000
Total			180,000			180,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			175,000			175,000
Stormwater Fund			1,000			1,000
Sun Prairie Utilities			1,000			1,000
Wastewater Fund			3,000			3,000
Total			180,000			180,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206018
Project Name Dewey Street Pavement Rehabilitation

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Main Street to the end of Dewey.

This project will be evaluated to determine funding interactions with TIF District #8.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			135,000			135,000
Total			135,000			135,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			114,300			114,300
Stormwater Fund			900			900
Sun Prairie Utilities			900			900
TIF District			13,500			13,500
Wastewater Fund			5,400			5,400
Total			135,000			135,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206020
Project Name Harwood Court Pavement Rehabilitation

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			30,250			30,250
Total			30,250			30,250
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			29,000			29,000
Sun Prairie Utilities			250			250
Wastewater Fund			1,000			1,000
Total			30,250			30,250

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206021
Project Name Hickory Court Pavement Rehabilitation

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			31,000			31,000
Total			31,000			31,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			28,000			28,000
Stormwater Fund			1,000			1,000
Sun Prairie Utilities			1,000			1,000
Wastewater Fund			1,000			1,000
Total			31,000			31,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206022
Project Name Huntwick Court Pavement Rehabilitation

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			22,250			22,250
Total			22,250			22,250

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			21,000			21,000
Sun Prairie Utilities			250			250
Wastewater Fund			1,000			1,000
Total			22,250			22,250

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206023
Project Name Linnerud Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from O'Keeffe to Clarmar.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			126,000			126,000
Total			126,000			126,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			122,000			122,000
Stormwater Fund			1,000			1,000
Sun Prairie Utilities			1,000			1,000
Wastewater Fund			2,000			2,000
Total			126,000			126,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206024
Project Name Old Indian Mound Trail Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Harvest to Woodview.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			154,000			154,000
Total			154,000			154,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			148,000			148,000
Sun Prairie Utilities			1,000			1,000
Wastewater Fund			5,000			5,000
Total			154,000			154,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206026
Project Name Paul Street Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from Windsor to Woodland.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			189,000			189,000
Total			189,000			189,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			72,000			72,000
Stormwater Fund			1,000			1,000
Sun Prairie Utilities			115,000			115,000
Wastewater Fund			1,000			1,000
Total			189,000			189,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206027
Project Name Robert Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed. The watermain will be replaced between William Drive and Maynard Drive.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			347,000			347,000
Total			347,000			347,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			130,000			130,000
Sun Prairie Utilities			215,000			215,000
Wastewater Fund			2,000			2,000
Total			347,000			347,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206028
Project Name Steven Street Pavement Rehabilitation

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from Eddington to Blazer. The project will be evaluated to determine funding interactions with TIF District #8.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			197,000			197,000
Total			197,000			197,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			190,000			190,000
Stormwater Fund			1,000			1,000
Sun Prairie Utilities			1,000			1,000
Wastewater Fund			5,000			5,000
Total			197,000			197,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206029
Project Name Surrey Court Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			41,000			41,000
Total			41,000			41,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			38,000			38,000
Stormwater Fund			1,000			1,000
Sun Prairie Utilities			1,000			1,000
Wastewater Fund			1,000			1,000
Total			41,000			41,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206030
Project Name Surrey Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from Plat Line to Katherine.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			54,000			54,000
Total			54,000			54,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			52,000			52,000
Sun Prairie Utilities			1,000			1,000
Wastewater Fund			1,000			1,000
Total			54,000			54,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206031
Project Name Windemere Court Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			35,250			35,250
Total			35,250			35,250

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			34,000			34,000
Sun Prairie Utilities			250			250
Wastewater Fund			1,000			1,000
Total			35,250			35,250

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206032
Project Name Woodland Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Lincoln to Summit.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			258,000			258,000
Total			258,000			258,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			89,000			89,000
Stormwater Fund			1,000			1,000
Sun Prairie Utilities			165,000			165,000
Wastewater Fund			3,000			3,000
Total			258,000			258,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216001
Project Name Barbara Street Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project extends from Clara to Laura.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				682,000		682,000
Total				682,000		682,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				450,000		450,000
Sun Prairie Utilities				205,000		205,000
Wastewater Fund				27,000		27,000
Total				682,000		682,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216003
Project Name Ivory Drive Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project extends from Rickel to Coral.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				616,000		616,000
Total				616,000		616,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				215,000		215,000
Stormwater Fund				173,000		173,000
Sun Prairie Utilities				207,000		207,000
Wastewater Fund				21,000		21,000
Total				616,000		616,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216004
Project Name Jeanne Court Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				178,000		178,000
Total				178,000		178,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				125,000		125,000
Sun Prairie Utilities				45,000		45,000
Wastewater Fund				8,000		8,000
Total				178,000		178,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216005
Project Name Schuster Road Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb and gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project extends from Harvest to Pilgrim.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				1,029,000		1,029,000
Total				1,029,000		1,029,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				925,000		925,000
Stormwater Fund				60,000		60,000
Sun Prairie Utilities				2,000		2,000
Wastewater Fund				42,000		42,000
Total				1,029,000		1,029,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216006
Project Name Broadway Drive Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from New Haven to Stonehaven.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				325,000		325,000
Total				325,000		325,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				315,000		315,000
Stormwater Fund				2,000		2,000
Sun Prairie Utilities				2,000		2,000
Wastewater Fund				6,000		6,000
Total				325,000		325,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216007
Project Name Carriage Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Musket to East Plat.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				58,000		58,000
Total				58,000		58,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				52,000		52,000
Sun Prairie Utilities				1,000		1,000
Wastewater Fund				5,000		5,000
Total				58,000		58,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216008
Project Name Carrington Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from Eddington to Chalfont.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				96,000		96,000
Total				96,000		96,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				91,000		91,000
Stormwater Fund				1,000		1,000
Sun Prairie Utilities				1,000		1,000
Wastewater Fund				3,000		3,000
Total				96,000		96,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216009
Project Name Castle Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				127,000		127,000
Total				127,000		127,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				119,000		119,000
Stormwater Fund				1,000		1,000
Sun Prairie Utilities				2,000		2,000
Wastewater Fund				5,000		5,000
Total				127,000		127,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216010
Project Name Chalfont Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Steven to Chadsworth.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				156,000		156,000
Total				156,000		156,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				151,000		151,000
Stormwater Fund				1,000		1,000
Sun Prairie Utilities				1,000		1,000
Wastewater Fund				3,000		3,000
Total				156,000		156,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216011
Project Name Diamond Court Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				96,000		96,000
Total				96,000		96,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				45,000		45,000
Sun Prairie Utilities				50,000		50,000
Wastewater Fund				1,000		1,000
Total				96,000		96,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216012
Project Name Eddington Dr (Steven to St. Albert) Pavement Rehab

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This portion of the project extends from Steven to St. Albert.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				156,000		156,000
Total				156,000		156,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				148,000		148,000
Stormwater Fund				2,000		2,000
Sun Prairie Utilities				2,000		2,000
Wastewater Fund				4,000		4,000
Total				156,000		156,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216013
Project Name Eddington Dr (St. Albert - Corinth) Pavement Rehab

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This portion of the project extends from St. Albert to Corinth.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				91,000		91,000
Total				91,000		91,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				85,000		85,000
Stormwater Fund				1,000		1,000
Sun Prairie Utilities				2,000		2,000
Wastewater Fund				3,000		3,000
Total				91,000		91,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216014
Project Name Featherwood Pass Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from Westridge to Gas Light.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				55,000		55,000
Total				55,000		55,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				50,000		50,000
Stormwater Fund				1,000		1,000
Sun Prairie Utilities				1,000		1,000
Wastewater Fund				3,000		3,000
Total				55,000		55,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216015
Project Name Fireside Court Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				47,500		47,500
Total				47,500		47,500

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				46,000		46,000
Sun Prairie Utilities				500		500
Wastewater Fund				1,000		1,000
Total				47,500		47,500

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216016
Project Name Fountain Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends the entire length of Fountain Drive.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				130,000		130,000
Total				130,000		130,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				122,000		122,000
Stormwater Fund				1,000		1,000
Sun Prairie Utilities				2,000		2,000
Wastewater Fund				5,000		5,000
Total				130,000		130,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216017
Project Name Gas Light Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from Musket to Willowbrook.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30-years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				100,000		100,000
Total				100,000		100,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				95,000		95,000
Stormwater Fund				1,000		1,000
Sun Prairie Utilities				1,000		1,000
Wastewater Fund				3,000		3,000
Total				100,000		100,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216018
Project Name Innsbrooke Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from Thompson to Eddington.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				170,000		170,000
Total				170,000		170,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				160,000		160,000
Stormwater Fund				1,000		1,000
Sun Prairie Utilities				2,000		2,000
Wastewater Fund				7,000		7,000
Total				170,000		170,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216021
Project Name New Haven Circle Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				59,000		59,000
Total				59,000		59,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				56,000		56,000
Sun Prairie Utilities				1,000		1,000
Wastewater Fund				2,000		2,000
Total				59,000		59,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216022
Project Name Oconto Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

This project extends from Clarmar to Fountain.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				56,000		56,000
Total				56,000		56,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				52,000		52,000
Stormwater Fund				1,000		1,000
Sun Prairie Utilities				1,000		1,000
Wastewater Fund				2,000		2,000
Total				56,000		56,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216023
Project Name Rustic Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Clarmar to Fountain.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				52,000		52,000
Total				52,000		52,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				50,000		50,000
Sun Prairie Utilities				1,000		1,000
Wastewater Fund				1,000		1,000
Total				52,000		52,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216024
Project Name Sapphire Way Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb & gutter. This type of reconstruction can be expected approximately 25-years after the street is initially constructed.

This project extends from Clarmar to Castle.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				125,000		125,000
Total				125,000		125,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				121,000		121,000
Sun Prairie Utilities				2,000		2,000
Wastewater Fund				2,000		2,000
Total				125,000		125,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216025
Project Name Stagecoach Circle Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				33,000		33,000
Total				33,000		33,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				30,000		30,000
Stormwater Fund				1,000		1,000
Sun Prairie Utilities				1,000		1,000
Wastewater Fund				1,000		1,000
Total				33,000		33,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216026
Project Name Summerton Court Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				29,750		29,750
Total				29,750		29,750

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				28,000		28,000
Stormwater Fund				250		250
Sun Prairie Utilities				500		500
Wastewater Fund				1,000		1,000
Total				29,750		29,750

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216027
Project Name Sumter Circle Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				22,250		22,250
Total				22,250		22,250

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				21,000		21,000
Sun Prairie Utilities				250		250
Wastewater Fund				1,000		1,000
Total				22,250		22,250

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216028
Project Name Valley Ridge Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				127,000		127,000
Total				127,000		127,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				120,000		120,000
Stormwater Fund				1,000		1,000
Sun Prairie Utilities				1,000		1,000
Wastewater Fund				5,000		5,000
Total				127,000		127,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216029
Project Name Villa Circle Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				66,000		66,000
Total				66,000		66,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				62,000		62,000
Stormwater Fund				1,000		1,000
Sun Prairie Utilities				1,000		1,000
Wastewater Fund				2,000		2,000
Total				66,000		66,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216030
Project Name Walbridge Circle Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				18,250		18,250
Total				18,250		18,250

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				17,000		17,000
Sun Prairie Utilities				250		250
Wastewater Fund				1,000		1,000
Total				18,250		18,250

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216031
Project Name Walker Court Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				33,000		33,000
Total				33,000		33,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				31,000		31,000
Sun Prairie Utilities				1,000		1,000
Wastewater Fund				1,000		1,000
Total				33,000		33,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216032
Project Name Wyoming Ave Stormwater & Reconstruction

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

Storm sewer projects are scheduled to take place concurrently with the total reconstruction of the streets. Total reconstruction includes full depth base course replacement, curb and gutter replacement, sidewalk installation and water main replacement. This type of reconstruction can be expected approximately 25 years after the street is initially constructed.

Justification

Storm sewer inlets and pipes remove surface water from streets and curb and gutter which extends the longevity of the street by reducing the opportunities for freeze/thaw damage to asphalt and concrete. Additionally, active sump pumps are provided direct connection to the storm sewers to remove this contribution to the surface water. Under larger storms, inlets and pipes can reduce street ponding of water and provide safe passage of vehicles.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				1,445,000		1,445,000
Total				1,445,000		1,445,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				860,000		860,000
Stormwater Fund				180,000		180,000
Sun Prairie Utilities				395,000		395,000
Wastewater Fund				10,000		10,000
Total				1,445,000		1,445,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226001
Project Name Dover Way Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Sunfield to Harvard.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					335,000	335,000
Total					335,000	335,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					220,000	220,000
Sun Prairie Utilities					100,000	100,000
Wastewater Fund					15,000	15,000
Total					335,000	335,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226002
Project Name Harvard Drive Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Dover to Bird.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					608,000	608,000
Total					608,000	608,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					340,000	340,000
Stormwater Fund					85,000	85,000
Sun Prairie Utilities					160,000	160,000
Wastewater Fund					23,000	23,000
Total					608,000	608,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226003
Project Name Major Way Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are South End to Harvard.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					656,000	656,000
Total					656,000	656,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					372,000	372,000
Stormwater Fund					30,000	30,000
Sun Prairie Utilities					200,000	200,000
Wastewater Fund					54,000	54,000
Total					656,000	656,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226004
Project Name Queens Street Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Sunfield to Ring.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					583,000	583,000
Total					583,000	583,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					330,000	330,000
Stormwater Fund					65,000	65,000
Sun Prairie Utilities					160,000	160,000
Wastewater Fund					28,000	28,000
Total					583,000	583,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226005
Project Name Ring Street Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Queens to Major Way.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					497,000	497,000
Total					497,000	497,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					320,000	320,000
Stormwater Fund					2,000	2,000
Sun Prairie Utilities					160,000	160,000
Wastewater Fund					15,000	15,000
Total					497,000	497,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226007
Project Name Covey Street Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after initial street construction.

This project extends from Ring to Lothe.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					77,000	77,000
Total					77,000	77,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					23,000	23,000
Sun Prairie Utilities					53,000	53,000
Wastewater Fund					1,000	1,000
Total					77,000	77,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226008
Project Name Major Way Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Ring to Harvard.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					197,000	197,000
Total					197,000	197,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					110,000	110,000
Stormwater Fund					10,000	10,000
Sun Prairie Utilities					60,000	60,000
Wastewater Fund					17,000	17,000
Total					197,000	197,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226009
Project Name Montana Avenue Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are N Thompson to State Highway 19.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					927,000	927,000
Total					927,000	927,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					775,000	775,000
Stormwater Fund					75,000	75,000
Sun Prairie Utilities					3,000	3,000
Wastewater Fund					74,000	74,000
Total					927,000	927,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226010
Project Name Audley Drive Reconstruction

Type Replacement
Useful Life 25 years
Category Street Reconstruction

Department Engineering
Contact City Engineer
Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Buena Vista to Wilson.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					488,000	488,000
Total					488,000	488,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					445,000	445,000
Stormwater Fund					2,000	2,000
Sun Prairie Utilities					2,000	2,000
Wastewater Fund					39,000	39,000
Total					488,000	488,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226011
Project Name Crossing Ridge Trail Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Tower to Grandview.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					34,000	34,000
Total					34,000	34,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					0	0
Stormwater Fund					0	0
Sun Prairie Utilities					2,000	2,000
Wastewater Fund					32,000	32,000
Total					34,000	34,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226012
Project Name Crossing Ridge Court Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Tower to Grandview.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					68,500	68,500
Total					68,500	68,500

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					60,000	60,000
Sun Prairie Utilities					500	500
Wastewater Fund					8,000	8,000
Total					68,500	68,500

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226013
Project Name Summit Avenue Reconstruction

Type Replacement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Reconstruction Priority 2 High



Description

The typical Total Reconstruction project involves construction that extends from right-of-way to right-of-way. The reconstruction will typically involve the removal and replacement of all curb & gutter; replacement of the bituminous asphalt pavement; and replacement of the crushed aggregate basecourse. New sidewalks are typically installed on both sides of the street on these projects. New storm sewer will be added, and often times the existing water main is replaced at this time as well. Sanitary sewer upgrades or repairs will be considered along with the Total Reconstruction method of street reconstruction.

This project's limits are Bird to Klubertanz.

Justification

Streets proposed as part of the Total Reconstruction program are typically older streets; generally more than 35 years past the date of their original construction. These streets typically require extensive upgrades to existing underground utilities. Due to these factors, the streets are no longer candidates for the less expensive and less disruptive Pavement Rehabilitation form of construction.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					1,026,000	1,026,000
Total					1,026,000	1,026,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					425,000	425,000
Stormwater Fund					250,000	250,000
Sun Prairie Utilities					300,000	300,000
Wastewater Fund					51,000	51,000
Total					1,026,000	1,026,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226014
Project Name Chadsworth Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after initial street construction.

This project extends from Corinth to Broadway.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					145,000	145,000
Total					145,000	145,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					135,000	135,000
Stormwater Fund					2,000	2,000
Sun Prairie Utilities					2,000	2,000
Wastewater Fund					6,000	6,000
Total					145,000	145,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226015
Project Name North Street Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after initial street construction.

This project extends from Main to Windsor.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					131,000	131,000
Total					131,000	131,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					125,000	125,000
Stormwater Fund					1,000	1,000
Sun Prairie Utilities					2,000	2,000
Wastewater Fund					3,000	3,000
Total					131,000	131,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226016
Project Name Union Street Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after initial street construction.

This project extends from Main to Windsor.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					153,000	153,000
Total					153,000	153,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					145,000	145,000
Stormwater Fund					1,000	1,000
Sun Prairie Utilities					2,000	2,000
Wastewater Fund					5,000	5,000
Total					153,000	153,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226017
Project Name Jones Street Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after initial street construction.

This project extends from Main to Windsor.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					167,000	167,000
Total					167,000	167,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					160,000	160,000
Stormwater Fund					1,000	1,000
Sun Prairie Utilities					2,000	2,000
Wastewater Fund					4,000	4,000
Total					167,000	167,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226018
Project Name St. Albert the Great Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after initial street construction.

This project extends from County Highway C to N. Thompson.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					258,000	258,000
Total					258,000	258,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					250,000	250,000
Sun Prairie Utilities					3,000	3,000
Wastewater Fund					5,000	5,000
Total					258,000	258,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226019
Project Name Lynwood Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after initial street construction.

This project extends from Amberson to Duncannon.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					167,000	167,000
Total					167,000	167,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					160,000	160,000
Stormwater Fund					1,000	1,000
Sun Prairie Utilities					1,000	1,000
Wastewater Fund					5,000	5,000
Total					167,000	167,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226020
Project Name Amberson Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after initial street construction.

This project extends from Brighton to St. Albert.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					94,000	94,000
Total					94,000	94,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					90,000	90,000
Stormwater Fund					1,000	1,000
Sun Prairie Utilities					1,000	1,000
Wastewater Fund					2,000	2,000
Total					94,000	94,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226021
Project Name Brighton Drive Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after initial street construction.

This project extends from Amberson to Thompson.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					45,000	45,000
Total					45,000	45,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					40,000	40,000
Stormwater Fund					1,000	1,000
Sun Prairie Utilities					1,000	1,000
Wastewater Fund					3,000	3,000
Total					45,000	45,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226022
Project Name Bethany Court Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after initial street construction.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					22,500	22,500
Total					22,500	22,500

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					20,000	20,000
Sun Prairie Utilities					500	500
Wastewater Fund					2,000	2,000
Total					22,500	22,500

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 226023
Project Name O'Keeffe Avenue Pavement Rehabilitation

Type Improvement Department Engineering
Useful Life 25 years Contact City Engineer
Category Street Pavement Rehabilitation Priority 2 High



Description

This street is scheduled for Pavement Rehabilitation, which includes full depth pulverization of the bituminous asphalt pavement and spot repairs to the curb and gutter. This type of reconstruction can be expected approximately 25 years after initial street construction.

This project extends from Plat Line to Sunfield.

Justification

Streets considered for the Pavement Rehabilitation form of construction were typically originally constructed 20 to 30 years ago. Streets that are reconstructed as part of this program are expected to provide another 25 years of service without major maintenance requirements. Delays in completing these projects could cause a street to fall into a much more expensive form of construction; requiring the replacement of all the curb and gutter and perhaps the replacement of the basecourse beneath the bituminous asphalt pavement.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					362,000	362,000
Total					362,000	362,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					355,000	355,000
Stormwater Fund					2,000	2,000
Sun Prairie Utilities					3,000	3,000
Wastewater Fund					2,000	2,000
Total					362,000	362,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 176016
Project Name Grand Ave Signal Loop Concrete Repairs

Type Improvement Department Public Works
Useful Life 45 years Contact Public Works Director
Category Street Pavement Rehabilitation Priority 3 Average



Description

Repair 14 sections of Grand Avenue that are failing at the signal loop detector locations. Each location requires a 25 foot section of roadway cut out to make the repair.

Justification

These repairs can be completed over a period of time, but some need to start within a year as the road is beginning to buckle and deteriorating rapidly. For potentially better contract pricing it may be best to replace all at one time.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	75,000	75,000	75,000	75,000		300,000
Total	75,000	75,000	75,000	75,000		300,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	75,000	75,000	75,000	75,000		300,000
Total	75,000	75,000	75,000	75,000		300,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 176018
Project Name Concrete Road Repair - Various

Type Improvement Department Public Works
Useful Life 25 years Contact Public Works Director
Category Street Pavement Rehabilitation Priority 3 Average



Description

Repair sections of concrete on Grand Ave, Windsor Street, Main Street and Linnerud Drive. Each street has section of lateral and horizontal cracking, buckling, voids enter the concrete and crumbling of the material. These are large dollar repairs that need to be completed by contractors.

Justification

These repairs can be completed over a period of time, but some need to start within a year to avoid emergency repairs when the road fails and is impassable.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	35,000	35,000	35,000	35,000		140,000
Total	35,000	35,000	35,000	35,000		140,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	35,000	35,000	35,000	35,000		140,000
Total	35,000	35,000	35,000	35,000		140,000

SIDEWALK/BIKE PATH PROJECTS

SUN PRAIRIE

Public Works

Sidewalk Replacement Plan



Location	LF	From	To	2018	2019	2020	2021	2022	Comments
Black Wolf Trail Sidewalk	200	Stonehaven	Reserve Plat Line	\$39,000					Connects to developer construction
Allison Street Sidewalk	360	N Vandenburg	Tara	26,000					Pavmt. Rehab 2018
Vandenburg Street Sidewalk	450	Allison	N Pine	20,000					Pavmt. Rehab 2018
Frederick Street Sidewalk	1,200	Amber	Bird		75,000				Pavmt. Rehab 2019
S. Walker Way Sidewalk	1,175	Andaman	Linnerud		75,000				No Street Recon for 10+ years
Clarmar Dr. Sidewalk	935	South of Echo	Linnerud			55,000			Pavmt. Rehab in 2016
Total Cost				\$ 85,000	\$ 150,000	\$ 55,000	\$ -	\$ -	

Multi-Model Repairs/Replacements

Location	LF	From	To	2018	2019	2020	2021	2022	Comments
Windsor St Bike Path Replacement		multiple areas	multiple areas	\$149,444					
Windsor St Bike Path Replacement		Communications	Broadway		51,300				
Providence Bike Trail Connection		Hoepker	Merchant Square		75,000				
N. Thompson Rd Bike Path Rplcmt		Main	Windsor		65,667				
N. Thompson Rd Bike Path Rplcmt		Main	St Albert			134,289			
N. Bristol St Bike Path Replacement		Wilburn	Klubertanz			25,339			
Commercial Ave Bike Path Rplcmt		S Bird	Kroncke				44,000		
Grove St Bike Path Replacement		Robin	Main					51,794	
Total Cost				\$ 149,444	\$ 191,967	\$ 159,628	\$ 44,000	\$ 51,794	

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186055
Project Name Black Wolf Trail Sidewalk

Type New
Useful Life 50 years
Category Sidewalks

Department Engineering
Contact City Engineer
Priority 2 High



Description

The segment of Black Wolf Trail north of Stonehaven Drive is 150 feet long. This will place a 5' sidewalk on each side of Black Wolf Trail to the plat line.

The Reserve plat, along with the Thompson road elementary school will provide sidewalks on both side of the new portion of Black Wolf Trail. This project will connect those sidewalks to the Stonehaven Drive sidewalks.

Justification

The City plans an extension of Black Wolf Trail and sidewalks on both sides of the road. This will create a gap in the sidewalk from the school to the existing sidewalk network on Stonehaven Drive. This project would provide a pedestrian connection to the new Thompson Road Elementary School from the south.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	39,000					39,000
Total	39,000					39,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	39,000					39,000
Total	39,000					39,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186057
Project Name Vandenburg Street Sidewalk

Type New
Useful Life 50 years
Category Sidewalks

Department Engineering
Contact City Engineer
Priority 3 Average



Description

Sidewalk installation along the north side of Vandenburg Street from Allison Street to N Pine Street.

Justification

This work is planned to occur in conjunction with the Vandenburg Street rehabilitation project and will provide a sidewalk connection from N Pine Street to the proposed sidewalk on Allison Street.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	20,000					20,000
Total	20,000					20,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	20,000					20,000
Total	20,000					20,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186058
Project Name Allison Street Sidewalk

Type New
Useful Life 50 years
Category Sidewalks

Department Engineering
Contact City Engineer
Priority 3 Average



Description

Sidewalk installation along the east side of Allison Street from Vandenburg Street north to Tara Drive, continuing on the east side of Tara connecting to the sidewalk on Tara Dr. at the plat line.

Justification

This work is planned to occur in conjunction with the Allison Street rehabilitation project and will provide a sidewalk connection from Vandenburg Street to the existing sidewalk on Tara Drive.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	26,000					26,000
Total	26,000					26,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	26,000					26,000
Total	26,000					26,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196010
Project Name Frederick Street Sidewalk

Type New
Useful Life 45 years
Category Sidewalks

Department Engineering
Contact City Engineer
Priority 2 High



Description

This project will add sidewalks to Frederick Street between Amber Trail and Bird Street.

Justification

This project will connect the sidewalks on N Bird St to the Sidewalks on Davidson Drive, including a connection along Davidson Park to Amber Trail.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		75,000				75,000
Total		75,000				75,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		75,000				75,000
Total		75,000				75,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196040
Project Name S. Walker Way Sidewalk

Type New
Useful Life 45 years
Category Sidewalks

Department Engineering
Contact City Engineer
Priority 3 Average



Description

This project will add sidewalks to S. Walker Way between Andaman Street and Linnerud Drive on the east side only.

Justification

This project will connect to the path in Sheehan Park and the sidewalks on Linnerud Dr. It will extend a sidewalk connection to Main St, the Public Library and the Aquatic Center.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		75,000				75,000
Total		75,000				75,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		75,000				75,000
Total		75,000				75,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206050
Project Name Clarmar Drive Sidewalk

Type New
Useful Life 45 years
Category Sidewalks

Department Engineering
Contact City Engineer
Priority 3 Average



Description

This project would be between Echo Drive and Linnerud Drive.

Justification

This project will connect the sidewalk on the east side of Clarmar Drive that currently ends midblock between Echo Drive and Oconto Drive, with the sidewalk on Linnerud. This project includes adding sidewalk along Misty Meadow Park.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			55,000			55,000
Total			55,000			55,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			55,000			55,000
Total			55,000			55,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186042
Project Name Windsor Street Bike Path Replacement

Type Replacement
Useful Life 25 years
Category Multimodal
Department Public Works
Contact Public Works Director
Priority 4 Fairly Low



Description

This project is east of the 2017 project to extend the Windsor Street Bike Path. This bike path is currently 10 feet wide in some sections and 8 feet wide in others. This project will update the path to be a consistent 10 foot wide path. The entire project will replace approximately 1.75 miles of bike path.

Mill and overlaying existing bike path on Windsor Street.

N. Side - Thompson to West end 2018
N. Side - Broadway to Eddington 2018
N. Side - Eddington to N. Thompson 2018
S. Side - Communications to Davison 2018
S. Side - Communications to Broadway 2019

Justification

The bike path on the north and south side of Windsor Street, from Davison Drive to Thompson Drive is cracked and turning to rubble and has out-lived its useful life.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	149,444	51,300				200,744
Total	149,444	51,300				200,744

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	149,444	51,300				200,744
Total	149,444	51,300				200,744

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 194003
Project Name Providence Bike Trail Connection

Type New
Useful Life 25 years
Category Multimodal

Department Public Works
Contact Public Works Director
Priority 3 Average



Description

Install a bike path connection, from the dead end path on the North side of Hoepker Road and running along Hoepker to Merchant Square and connecting to the Providence bike trail. Or may go over the ditch line at the current dead end path.

Justification

Currently, the bike path coming from the Reiner Road business park and through the City of Madison lands around Cabela's, crosses Hoepker Road, and comes to an abrupt stop just past the curb. The concrete pad drops off about 10 inches and the ditch line drops off another 10 to 12 feet. This is an extreme hazard and poor design that should be corrected.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		75,000				75,000
Total		75,000				75,000

Funding Sources	2018	2019	2020	2021	2022	Total
Park Fund		75,000				75,000
Total		75,000				75,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196041
Project Name N. Thompson Road Bike Path Replacement

Type Replacement
Useful Life 25 years
Category Multimodal

Department Public Works
Contact Public Works Director
Priority 3 Average



Description

Mill and overlaying existing bike path on N. Thompson Road. The current path is 10 feet wide. Approximately 1.75 miles of bike path will be replaced in the entirety of this project.

East Side Main Street to Windsor - 2019
West Side Main Street to St. Albert the Great - 2020

Justification

The bike path on the east side of Thompson Road, from Main Street to Windsor Street is cracked and turning to rubble and has out-lived its useful life.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		65,667	134,289			199,956
Total		65,667	134,289			199,956

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		65,667	134,289			199,956
Total		65,667	134,289			199,956

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 206052
Project Name N. Bristol Street Bike Path Replacement

Type Replacement
Useful Life 25 years
Category Multimodal
Department Public Works
Contact Public Works Director
Priority 3 Average



Description

Mill and overlaying existing bike path on the East side of N. Bristol Street from Wilburn Road to Klubertanz. Portions of the path are currently 8 feet wide while other sections are 10 feet wide; the bike paths will be replaced with a consistent 10 foot wide path.

Justification

The bike path on the east side of N. Bristol Street, from Wilburn Road to Klubertanz is cracked and turning to rubble and has out-lived its useful life.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			25,339			25,339
Total			25,339			25,339

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			25,339			25,339
Total			25,339			25,339

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216051
Project Name Commercial Avenue Bike Path Replacement

Type Replacement
Useful Life 25 years
Category Multimodal
Department Public Works
Contact Public Works Director
Priority 3 Average



Description

Mill and overlaying existing bike path on the North side of Commercial Avenue from S. Bird Street to Kroncke Drive. This is currently a 9 foot wide path; it will be widened to a standard 10 foot path consistent with other city bike paths.

Justification

The bike path on the north side of Commercial Avenue, from S. Bird Street to Kroncke Drive is cracked and turning to rubble and has out-lived its useful life.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				44,000		44,000
Total				44,000		44,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				44,000		44,000
Total				44,000		44,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 216052
Project Name Grove Street Bike Path Replacement

Type Replacement
Useful Life 25 years
Category Multimodal
Department Public Works
Contact Public Works Director
Priority 3 Average



Description

Mill and overlaying existing bike path on Grove and Main Street; about 1/4 mile in length. This bike path is currently 8 feet wide in some areas and 10 feet wide in others. The path will be replaced with a consistent 10 foot wide path.

East side of Grove Street from Robin Drive to E. Main Street and
South side of E. Main Street from Grove Street to S. Musket Ridge Drive.

Justification

The bike path on the east side of Grove Street, from Robin Drive to Main Street and the South side of E. Main Street from Grove Street to S. Musket Ridge is cracked and turning to rubble and has out-lived its useful life.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					51,794	51,794
Total					51,794	51,794

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					51,794	51,794
Total					51,794	51,794

SUN PRAIRIE
Capital Improvement Plan
Park Improvements



Description	2018 Projected	2019 Projected	2020 Projected	2021 Projected	2022 Projected
CAPITAL ITEMS - Levy					
FAC Pump & Strainer Replacement	\$121,900				
Bath House Ceiling Stain			80,000		
Concession Stand Renovation		20,000	20,000		
Blankenheim Park Playground Replacement	26,500				
Davison Park Playground Replacement	27,250				
Hunter's Ridge Park Playground Replacement		37,000			
Birkinbine Park Playground Replacement		27,000			
Grandview Park Playground Replacement			28,000		
Stonehaven Park Playground Replacement			32,500		
Sunny Valley Park Playground Replacement				31,000	
Royal Oaks Park Playground Replacement				40,000	
Pheasant Run Park Playground Replacement					26,000
Cardinal Crest Park Playground Replacement					33,500
Replace FAC Waterslide					400,000
Total Cost	\$ 175,650	\$ 84,000	\$ 160,500	\$ 71,000	\$ 459,500

Description	2018 Projected	2019 Projected	2020 Projected	2021 Projected	2022 Projected
CAPITAL ITEMS - Park Fund					
Bike Loop Wayfinding Signs		15,000	15,000	15,000	
FAC Splash Pad		10,000	200,000		
Skate Park Additions			90,000		
Liberty Square Park Shelter	150,000				
Smith's Crossing Park Shelter/Restroom	8,000	150,000			
Sheehan Park Trail Lighting	36,000				
Wyndham Hills Park Trail Lighting		28,000			
Reserve Plat Park Parking Lot			100,000		
Reserve Plat Dog Park Fencing				40,000	
Fox Point Multi-Use Court					50,000
Thoreau Multi-Use Court					50,000
Westwynde Multi-Use Court					50,000
Hunter's Ridge Multi-Use Court					50,000
Total Cost	\$ 194,000	\$ 203,000	\$ 405,000	\$ 55,000	\$ 200,000

Beginning Balance	\$ 837,008	\$ 753,008	\$ 660,008	\$ 365,008	\$ 420,008
Annual Revenue	110,000	110,000	110,000	110,000	110,000
Expenditures	194,000	203,000	405,000	55,000	200,000
Projected Balance	<u>\$ 753,008</u>	<u>\$ 660,008</u>	<u>\$ 365,008</u>	<u>\$ 420,008</u>	<u>\$ 330,008</u>

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 174001
Project Name Liberty Square Park Shelter

Type Improvement
Useful Life 50 years
Category Park Equipment
Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

Design and construct a shelter at Liberty Square Park. Design and community input would occur in 2017 and construction in 2018.

Justification

The residents and developers of Liberty Square and Hickory Grove subdivisions have been contributing through their building permits towards the park improvement fund. These funds will be used for the construction of a shelter in Liberty Square Park.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	150,000					150,000
Total	150,000					150,000

Funding Sources	2018	2019	2020	2021	2022	Total
Park Fund	150,000					150,000
Total	150,000					150,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 181708
Project Name FAC Pump & Strainer Replacement

Type Replacement Department Public Works: Parks
Useful Life 15 years Contact Public Works Director
Category Park Equipment Priority 4 Fairly Low



Description

The pumps, valves and strainers are part of the original mechanical equipment installed in 1991. Pumps and motors circulate water and chemicals throughout the pool and deliver water to the boilers and filtration system for the main pool and diving well. Auxiliary pumps circulate the water to the flume slide and other water features in the pool. Each pump is designed to circulate the water at specific gallons per minute (gpm) for water flow. The valves are to regulate water flow and close water circulation pipes during backwash operations of the pool filtration system. The strainers are built in-line to the water circulation pipes and contain filtration baskets to remove debris before the water enters the pumps.

Justification

The life expectancy of pumps, motors, and strainers is 10 years. Several pumps have been replaced over the years and new pump impellers have been replaced as needed. Several pump motors have been rebuilt with new electrical parts and pump start switches. Strainers are no longer keeping a tight seal and often cause problems with water flow. Air entering the valves through leaks in worn parts creates air cavities in the water pressure causing cavitation, significant wear to moving parts of the pumps and motors and pipes.

Replacement of the pumps and motors, valves and strainers is long overdue. The pool needs these mechanical components to circulate the water and deliver chemicals to the pool and diving well. The recommendation for replacement pumps would include Variable Frequency Drive (VFD). VFD motors is a type of motor controller that drives an electric motor by varying the frequency and voltage supplied to the electric motor. If an application does not require an electric motor to run at full speed, the VFD can be used to ramp down the frequency and voltage to meet the requirements of the electric motor's load. The use of new pumps with VFD would increase pump efficiency, decrease energy use and reduce mechanical stress on valves and strainers. The cost estimates used for the CIP are based upon pool and plumbing contractors cost estimates.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment	121,900					121,900
Total	121,900					121,900

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	121,900					121,900
Total	121,900					121,900

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 184004
Project Name Sheehan Park Trail Lighting

Type Improvement Department Public Works: Parks
Useful Life 15 years Contact Public Works Director
Category Park Equipment Priority 2 High



Description

Install solar powered security lighting every 300 feet along the bike paths in Sheehan Park.

Justification

The Parks Department has received several requests from park users for a safer, better-lit trail system through our parks. Sheehan Park is our largest park and has the most wooded, secluded areas that are beautiful to walk, but also leave people feeling vulnerable and at risk. Lighting the existing trails would reduce the areas for potential threats to hide and allow users better visibility to see what it is they are approaching.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	36,000					36,000
Total	36,000					36,000
Funding Sources	2018	2019	2020	2021	2022	Total
Park Fund	36,000					36,000
Total	36,000					36,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 194005
Project Name Blankenheim Park Playground Replacement

Type Replacement
Useful Life 25 years
Category Park Equipment

Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

The Blankenheim Park swing set was installed in 1962 and the modular play structure was installed in 1992. The playground design no longer provides adequate use zones for the components and lacks current availability of equipment to meet the needs of children from ages 2-12.

Most of the 38 playgrounds in Sun Prairie Parks are comprised of a combination of playground elements from various manufacturers. Playgrounds installed during the years of 1988-1996 received basic swings and freestanding play elements appropriate for all ages. Starting in 1995, playground safety standards and ADA regulations significantly changed playground design and construction. Beginning in 1995, many City parks were changed to include new safety surfaces, larger use zones around play structures and address accessibility issues. New playgrounds after the year 2000 introduced additional playground components and structures installed for preschool and school age groups. Over the years, many playgrounds have received upgrades and renovations to provide more playground opportunities.

Justification

An average playground has a useful life of 20-25 years. That is 25 years of withstanding the elements, wear and tear from everyday play and unfortunately, vandalism. Outdated and inappropriate equipment, inadequate surfacing and other issues make some playgrounds a safety hazard.

The Playground Replacement CIP prioritizes playground renovations determined by the Parks Department's playground safety inspectors based on the safety and condition of the playground, the level of use, compliance with codes, and availability of equipment to meet the needs of children from ages 2-12. These renovations include: playgrounds that have aged beyond the point where replacement parts can be ordered, equipment that has been removed because of vandalism or wear that could affect safety, or playgrounds in neighborhoods where the population has changed and the need for new equipment has increased. The playground priority attempts to distribute the replacement two playgrounds per year to not duplicate the replacements in the same neighborhood or geographic area of the city. Once the priorities are established and funding is available, meetings are set up with each community to obtain their input for what they would like to see within their playground. A design is prepared based on those needs and the standards of the Department to assure delivery of a playground which the community helps to create and will enjoy for years to come.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	26,500					26,500
Total	26,500					26,500

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	26,500					26,500
Total	26,500					26,500

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 184007
Project Name Davison Park Playground Replacement

Type Replacement
Useful Life 25 years
Category Park Equipment
Department Public Works: Parks
Contact Public Works Director
Priority 4 Fairly Low



Description

Davison Park swings were installed in 1970 with different components added over the years until 1995. The modular play structure was added in 1990 with retrofits in 2001. The sand safety surface used under the swings and modular structure does not provide adequate safety surfacing and needs to be replaced with a material that meets playground safety standards and provides ADA access to playground activities.

Most of the 38 playgrounds in Sun Prairie Parks are comprised of a combination of playground elements from various manufacturers. Playgrounds installed during the years of 1988-1996 received basic swings and freestanding play elements appropriate for all ages. Starting in 1995, playground safety standards and ADA regulations significantly changed playground design and construction. Beginning in 1995, many City parks were changed to include new safety surfaces, larger use zones around play structures and address accessibility issues. New playgrounds after the year 2000 introduced additional playground components and structures installed for preschool and school age groups. Over the years, many playgrounds have received upgrades and renovations to provide more playground opportunities.

Justification

An average playground has a useful life of 20-25 years. That is 25 years of withstanding the elements, wear and tear from everyday play and unfortunately, vandalism. Outdated and inappropriate equipment, inadequate surfacing and other issues make some playgrounds a safety hazard.

The Playground Replacement CIP prioritizes playground renovations determined by the Parks Department's playground safety inspectors based on the safety and condition of the playground, the level of use, compliance with codes, and availability of equipment to meet the needs of children from ages 2-12. These renovations include: playgrounds that have aged beyond the point where replacement parts can be ordered, equipment that has been removed because of vandalism or wear that could affect safety, or playgrounds in neighborhoods where the population has changed and the need for new equipment has increased. The playground priority attempts to distribute the replacement two (2) playgrounds per year to not duplicate the replacements in the same neighborhood or geographic area of the city. Once the priorities are established and funding is available, meetings are set up with each community to obtain their input for what they would like to see within their playground. A design is prepared based on those needs and the standards of the Department to assure delivery of a playground which the community helps to create and will enjoy for years to come.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment	27,250					27,250
Total	27,250					27,250

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	27,250					27,250
Total	27,250					27,250

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 184001
Project Name Smith's Crossing Park Shelter & Restroom

Type Improvement Department Public Works: Parks
Useful Life 50 years Contact Public Works Director
Category Park Equipment Priority 3 Average



Description

Design and construct a shelter at Smith's Crossing Park. Design and community input would occur in 2018 and construction in 2019.

Justification

The residents and developers of Smith's Crossing subdivisions have been contributing to the Park Improvement Fund through their building permits. Park Improvement funds would be used for the construction of a shelter at Smith's Crossing Park.

Expenditures	2018	2019	2020	2021	2022	Total
Design	8,000					8,000
Construction		150,000				150,000
Total	8,000	150,000				158,000

Funding Sources	2018	2019	2020	2021	2022	Total
Park Fund	8,000	150,000				158,000
Total	8,000	150,000				158,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 194004
Project Name Wyndham Hills Park Trail Lighting

Type Improvement Department Public Works: Parks
Useful Life 20 years Contact Public Works Director
Category Park Equipment Priority 2 High



Description

Install solar powered security lighting every 300 feet along the bike paths / trails from Thompson Road to Wyndham Hills Estate Park.

Justification

The Parks Department has received several requests from Park users for a safer, more well light trail system through our parks. The Wyndham Hills Estate Park is our longest, most well used trail in the City, that leads into a wooded, secluded area before entering into the park. The current lack of lighting leaves people feeling vulnerable and at risk. Lighting the existing trails would reduce the areas for potential threats to hide and allow users better visibility to see what it is they are approaching.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		28,000				28,000
Total		28,000				28,000

Funding Sources	2018	2019	2020	2021	2022	Total
Park Fund		28,000				28,000
Total		28,000				28,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 194006
Project Name Birkinbine Park Playground Replacement

Type Replacement
Useful Life 25 years
Category Park Equipment

Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

The Birkinbine Park playground was installed in 1995 with a few freestanding components and modular play structure. The playground provides an affordable play system with ADA accessibility for a neighborhood park. All the components are worn from use, safety zones and surfacing need to be improved for an upgraded playground that offers activities to meet the needs of children from ages 2-12.

Most of the 38 playgrounds in Sun Prairie Parks are comprised of a combination of playground elements from various manufacturers. Playgrounds installed during the years of 1988-1996 received basic swings and freestanding play elements appropriate for all ages. Starting in 1995, playground safety standards and ADA regulations significantly changed playground design and construction. Beginning in 1995, many City parks were changed to include new safety surfaces, larger use zones around play structures and address accessibility issues. New playgrounds after the year 2000 introduced additional playground components and structures installed for preschool and school age groups. Over the years, many playgrounds have received upgrades and renovations to provide more playground opportunities.

Justification

An average playground has a useful life of 20-25 years. That is 25 years of withstanding the elements, wear and tear from everyday play and unfortunately, vandalism. Outdated and inappropriate equipment, inadequate surfacing and other issues make some playgrounds a safety hazard.

The Playground Replacement CIP prioritizes playground renovations determined by the Parks Department's playground safety inspectors based on the safety and condition of the playground, the level of use, compliance with codes, and availability of equipment to meet the needs of children from ages 2-12. These renovations include: playgrounds that have aged beyond the point where replacement parts can be ordered, equipment that has been removed because of vandalism or wear that could affect safety, or playgrounds in neighborhoods where the population has changed and the need for new equipment has increased. The playground priority attempts to distribute the replacement two playgrounds per year to not duplicate the replacements in the same neighborhood or geographic area of the city. Once the priorities are established and funding is available, meetings are set up with each community to obtain their input for what they would like to see within their playground. A design is prepared based on those needs and the standards of the Department to assure delivery of a playground which the community helps to create and will enjoy for years to come.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		27,000				27,000
Total		27,000				27,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		27,000				27,000
Total		27,000				27,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 204005
Project Name Hunter's Ridge Park Playground Replacement



Type Replacement
Useful Life 25 years
Category Park Equipment
Department Public Works: Parks
Contact Public Works Director
Priority 3 Average

Description

The Hunter's Ridge Park playground was installed in 1994 and includes an ADA accessible modular play structure for school age children. Swings and freestanding play components have been installed for all age groups. The playground has medium to heavy levels of use and many of the components have worn and need replacement. New parts and replacement components would require significant modification that would decrease the structures' accessibility and could affect safety.

Most of the 38 playgrounds in Sun Prairie Parks are comprised of a combination of playground elements from various manufacturers. Playgrounds installed during the years of 1988-1996 received basic swings and freestanding play elements appropriate for all ages. Starting in 1995, playground safety standards and ADA regulations significantly changed playground design and construction. Beginning in 1995, many City parks changed to include new safety surfaces, larger use zones around play structures and address accessibility issues. New playgrounds after the year 2000 introduced additional playground components and structures installed for preschool and school age groups. Over the years, many playgrounds have received upgrades and renovations to provide more playground opportunities.

Justification

An average playground has a useful life of 20-25 years. That is 25 years of withstanding the elements, wear and tear from everyday play and unfortunately, vandalism. Outdated and inappropriate equipment, inadequate surfacing and other issues make some playgrounds a safety hazard.

The Playground Replacement CIP prioritizes playground renovations determined by the Parks Department's playground safety inspectors based on the safety and condition of the playground, the level of use, compliance with codes, and availability of equipment to meet the needs of children from ages 2-12. These renovations include: playgrounds that have aged beyond the point where replacement parts can be ordered, equipment that has been removed because of vandalism or wear that could affect safety, or playgrounds in neighborhoods where the population has changed and the need for new equipment has increased. The playground priority attempts to distribute the replacement two playgrounds per year to not duplicate the replacements in the same neighborhood or geographic area of the city. Once the priorities are established and funding is available, meetings are set up with each community to obtain their input for what they would like to see within their playground. A design is prepared based on those needs and the standards of the Department to assure delivery of a playground which the community helps to create and will enjoy for years to come.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		37,000				37,000
Total		37,000				37,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		37,000				37,000
Total		37,000				37,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 191702
Project Name Concession Stand Renovation

Type Replacement
Useful Life 30 years
Category Buildings

Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

Replace the Family Aquatic Center's concession stand counter tops and shelving with stainless steel materials.

Justification

The current wood counter tops and shelving units in the concession stand were installed when the pool first opened 23 years ago. The wood is rotting and falling apart. Stainless steel will last longer, is easier to clean, and is more sanitary for the patrons.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		20,000	20,000			40,000
Total		20,000	20,000			40,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		20,000	20,000			40,000
Total		20,000	20,000			40,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 191707
Project Name Splash Pad

Type New
Useful Life 20 years
Category Park Equipment

Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

Design in 2019 and construction in 2020 of a Splash Pad at a City Park other than Sheehan Park.

This project would have operating budget impacts related to increased staffing and water usage. The staff would be an LTE estimated at \$14,000 annually and water usage would be an estimated \$15,000 per year. The water usage estimate may vary as the design is finalized.

Justification

A splash pad was identified in the Parks and Open Space Plan as a desire of the community.

Expenditures	2018	2019	2020	2021	2022	Total
Design		10,000				10,000
Construction			200,000			200,000
Total		10,000	200,000			210,000

Funding Sources	2018	2019	2020	2021	2022	Total
Park Fund		10,000	200,000			210,000
Total		10,000	200,000			210,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196011
Project Name Bike Path Wayfinding Signs

Type New
Useful Life 10 years
Category Park Equipment

Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

Install bike path wayfinding signs.

Signs would be installed along on-street and off-street bike paths to give direction for users to City facilities, businesses and sections of town.

Justification

Wayfinding signs were a recommendation from the Parks and Open Space Plan and from the Transportation Committee's Sub-Committee on Pedestrian and Bike Transportation.

Signs would be installed along on-street and off-street bike paths to give direction for users to City facilities, businesses and sections of town.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		15,000	15,000	15,000		45,000
Total		15,000	15,000	15,000		45,000

Funding Sources	2018	2019	2020	2021	2022	Total
Park Fund		15,000	15,000	15,000		45,000
Total		15,000	15,000	15,000		45,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 201707
Project Name FAC Bathhouse Ceiling Stain

Type Improvement
Useful Life 20 years
Category Buildings

Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

Clean and stain the ceiling at the Family Aquatic Center (FAC) Bathhouse.

Justification

The ceiling at the bathhouse has not been re-stained since the pool opened 23 years ago. The contractor would pressure wash the entire ceiling, spot sand areas, and apply two coats of stain to the ceiling.

Expenditures	2018	2019	2020	2021	2022	Total
Maintenance			80,000			80,000
Total			80,000			80,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			80,000			80,000
Total			80,000			80,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 204006
Project Name Stonehaven Park Playground Replacement

Type Replacement
Useful Life 25 years
Category Park Equipment
Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

The Stonehaven Park playground has a modular play structure and freestanding components that were installed in 1988. As one of the oldest playgrounds in the City Parks, the neighborhood population has changed and the need for new equipment has increased. The playground surfacing sand does not provide adequate safety surfacing. It needs replacement with a material that meets playground safety standards and provides ADA access to the playground activities.

Most of the 38 playgrounds in Sun Prairie Parks are comprised of a combination of playground elements from various manufacturers. Playgrounds installed during the years of 1988-1996 received basic swings and freestanding play elements appropriate for all ages. Starting in 1995, playground safety standards and ADA regulations significantly changed playground design and construction. Beginning in 1995, many City parks changed to include new safety surfaces, larger use zones around play structures and address accessibility issues. New playgrounds after the year 2000 introduced additional playground components and structures installed for preschool and school age groups. Over the years, many playgrounds have received upgrades and renovations to provide more playground opportunities.

Justification

An average playground has a useful life of 20-25 years. That is 25 years of withstanding the elements, wear and tear from everyday play and unfortunately, vandalism. Outdated and inappropriate equipment, inadequate surfacing and other issues make some playgrounds a safety hazard.

The Playground Replacement CIP prioritizes playground renovations determined by the Parks Department's playground safety inspectors based on the safety and condition of the playground, the level of use, compliance with codes, and availability of equipment to meet the needs of children from ages 2-12. These renovations include: playgrounds that have aged beyond the point where replacement parts can be ordered, equipment that has been removed because of vandalism or wear that could affect safety, or playgrounds in neighborhoods where the population has changed and the need for new equipment has increased. The playground priority attempts to distribute the replacement two playgrounds per year to not duplicate the replacements in the same neighborhood or geographic area of the city. Once the priorities are established and funding is available, meetings are set up with each community to obtain their input for what they would like to see within their playground. A design is prepared based on those needs and the standards of the Department to assure delivery of a playground which the community helps to create and will enjoy for years to come.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment			32,500			32,500
Total			32,500			32,500

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			32,500			32,500
Total			32,500			32,500

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 214005
Project Name Grandview Park Playground Replacement

Type Replacement
Useful Life 25 years
Category Park Equipment
Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

The Grandview Park playground began with swings installed in 1976, freestanding equipment in 1993 and the addition of a small modular play structure in 2000. The playground components are worn from use. The safety surface used under the swings and preschool playground structure does not provide adequate safety surfacing. The surface needs to be replaced with a material that meets playground safety standards and provides ADA access to the playground activities.

Most of the 38 playgrounds in Sun Prairie Parks are comprised of a combination of playground elements from various manufacturers. Playgrounds installed during the years of 1988-1996 received basic swings and freestanding play elements appropriate for all ages. Starting in 1995, playground safety standards and ADA regulations significantly changed playground design and construction. Beginning in 1995, many City parks changed to include new safety surfaces, larger use zones around play structures and address accessibility issues. New playgrounds after the year 2000 introduced additional playground components and structures installed for preschool and school age groups. Over the years, many playgrounds have received upgrades and renovations to provide more playground opportunities.

Justification

An average playground has a useful life of 20-25 years. That is 25 years of withstanding the elements, wear and tear from everyday play and unfortunately, vandalism. Outdated and inappropriate equipment, inadequate surfacing and other issues make some playgrounds a safety hazard.

The Playground Replacement CIP prioritizes playground renovations determined by the Parks Department's playground safety inspectors based on the safety and condition of the playground, the level of use, compliance with codes, and availability of equipment to meet the needs of children from ages 2-12. These renovations include: playgrounds that have aged beyond the point where replacement parts can be ordered, equipment that has been removed because of vandalism or wear that could affect safety, or playgrounds in neighborhoods where the population has changed and the need for new equipment has increased. The playground priority attempts to distribute the replacement two playgrounds per year to not duplicate the replacements in the same neighborhood or geographic area of the city. Once the priorities are established and funding is available, meetings are set up with each community to obtain their input for what they would like to see within their playground. A design is prepared based on those needs and the standards of the Department to assure delivery of a playground which the community helps to create and will enjoy for years to come.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment			28,000			28,000
Total			28,000			28,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			28,000			28,000
Total			28,000			28,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 164001
Project Name Skate Park Additions

Type Improvement
Useful Life 25 years
Category Park Equipment
Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

The City contracted with a skate park design consultant in 2016. The design will move into the construction phase four of the designed addition.

Justification

The skate park started in 1997 and was updated in 2006, 2011, and 2013. The Sun Prairie Skate Park Association has been requesting and working towards the next addition for a couple years. A consultant collected information on the desired uses, determined what is feasible with space and soil constraints, and produced design plans and budget estimates to complete the project. Phase four will work toward completing the circle at the skate park. Currently users come off a jump and have to pull up or come to a complete stop in the grass. The completion of the planned design will address safety concerns and finish a 20-year-old incomplete project.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			90,000			90,000
Total			90,000			90,000

Funding Sources	2018	2019	2020	2021	2022	Total
Park Fund			90,000			90,000
Total			90,000			90,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 204003
Project Name Reserve Plat Park Parking Lot

Type Improvement Department Public Works: Parks
Useful Life 25 years Contact Public Works Director
Category Park Equipment Priority 3 Average



Description

Install a parking lot serving the newly acquired Reserve Plat parkland and dog park.

Justification

New parkland was acquired with the recording of the Reserve Plat in 2017. The parkland will be developed into a dog park and open space area with trails, benches, and nature viewing areas. The development will need parking for park users.

As development occurs, Park Impact Fees are collected for the purpose of park creation and amenities.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			100,000			100,000
Total			100,000			100,000

Funding Sources	2018	2019	2020	2021	2022	Total
Park Fund			100,000			100,000
Total			100,000			100,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 214003
Project Name Reserve Plat Dog Park Fencing

Type Improvement Department Public Works: Parks
Useful Life 25 years Contact Public Works Director
Category Park Equipment Priority 3 Average



Description

Install a fence around a portion of the newly acquired Reserve plat parkland to create a dog park. The dog park will be about four acres and will include a small dog area.

Justification

New parkland was acquired with the recording of the Reserve Plat in 2017. As development occurs, Park Impact Fees will be collected to develop new parks with desired amenities.

Expenditures	2018	2019	2020	2021	2022	Total
Construction				40,000		40,000
Total				40,000		40,000

Funding Sources	2018	2019	2020	2021	2022	Total
Park Fund				40,000		40,000
Total				40,000		40,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 214006
Project Name Royal Oaks Park Playground Replacement

Type Replacement
Useful Life 25 years
Category Park Equipment

Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

The Royal Oaks Park playground has a modular play structure that was installed in 1990 with retrofits in 2001. All the components are worn from use. The safety zones and surfacing need to be improved for an upgraded playground that offers activities to meet the needs of children from ages 2-12.

Most of the 38 playgrounds in Sun Prairie Parks are comprised of a combination of playground elements from various manufacturers. Playgrounds installed during the years of 1988-1996 received basic swings and freestanding play elements appropriate for all ages. Starting in 1995, playground safety standards and ADA regulations significantly changed playground design and construction. Beginning in 1995, many City parks changed to include new safety surfaces, larger use zones around play structures and address accessibility issues. New playgrounds after the year 2000 introduced additional playground components and structures installed for preschool and school age groups. Over the years, many playgrounds have received upgrades and renovations to provide more playground opportunities.

Justification

An average playground has a useful life of 20-25 years. That is 25 years of withstanding the elements, wear and tear from everyday play and unfortunately, vandalism. Outdated and inappropriate equipment, inadequate surfacing and other issues make some playgrounds a safety hazard.

The Playground Replacement CIP prioritizes playground renovations determined by the Parks Department's playground safety inspectors based on the safety and condition of the playground, the level of use, compliance with codes, and availability of equipment to meet the needs of children from ages 2-12. These renovations include: playgrounds that have aged beyond the point where replacement parts can be ordered, equipment that has been removed because of vandalism or wear that could affect safety, or playgrounds in neighborhoods where the population has changed and the need for new equipment has increased. The playground priority attempts to distribute the replacement two playgrounds per year to not duplicate the replacements in the same neighborhood or geographic area of the city. Once the priorities are established and funding is available, meetings are set up with each community to obtain their input for what they would like to see within their playground. A design is prepared based on those needs and the standards of the Department to assure delivery of a playground which the community helps to create and will enjoy for years to come.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				40,000		40,000
Total				40,000		40,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				40,000		40,000
Total				40,000		40,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 184006
Project Name Sunny Valley Park Playground Replacement

Type Replacement
Useful Life 25 years
Category Park Equipment
Department Public Works: Parks
Contact Public Works Director
Priority 4 Fairly Low



Description

Sunny Valley Park playground was installed in 1988, with Lockville playground system components that were discontinued in 2005. Replacement parts needed to repair the playground are no longer available and retrofitting new components to the outdated system is not possible without sacrificing safety and altering the playground structure. The playground surfacing is sand, does not provide adequate safety surfacing, and needs to be replaced with a material that meets playground safety standards and provide ADA access to the playground activities.

Most of the 38 playgrounds in Sun Prairie Parks are comprised of a combination of playground elements from various manufacturers. Playgrounds installed during the years of 1988-1996 received basic swings and freestanding play elements appropriate for all ages. Starting in 1995, playground safety standards and ADA regulations significantly changed playground design and construction. Beginning in 1995, many City parks were changed to include new safety surfaces, larger use zones around play structures and address accessibility issues. New playgrounds after the year 2000 introduced additional playground components and structures installed for preschool and school age groups. Over the years, many playgrounds have received upgrades and renovations to provide more playground opportunities.

Justification

An average playground has a useful life of 20-25 years. That is 25 years of withstanding the elements, wear and tear from everyday play and unfortunately, vandalism. Outdated and inappropriate equipment, inadequate surfacing and other issues make some playgrounds a safety hazard.

The Playground Replacement CIP prioritizes playground renovations determined by the Parks Department's playground safety inspectors based on the safety and condition of the playground, the level of use, compliance with codes, and availability of equipment to meet the needs of children from ages 2-12. These renovations include: playgrounds that have aged beyond the point where replacement parts can be ordered, equipment that has been removed because of vandalism or wear that could affect safety, or playgrounds in neighborhoods where the population has changed and the need for new equipment has increased. The playground priority attempts to distribute the replacement two (2) playgrounds per year to not duplicate the replacements in the same neighborhood or geographic area of the city. Once the priorities are established and funding is available, meetings are set up with each community to obtain their input for what they would like to see within their playground. A design is prepared based on those needs and the standards of the Department to assure delivery of a playground which the community helps to create and will enjoy for years to come.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				31,000		31,000
Total				31,000		31,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				31,000		31,000
Total				31,000		31,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 224005
Project Name Pheasant Run Park Playground Replacement

Type Replacement
Useful Life 25 years
Category Park Equipment

Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

The Pheasant Run Park playground has a modular structure and freestanding components with ADA access. The playground components are worn from use. The safety surface used under the swings and playground structure does not provide adequate safety surfacing and should be replaced with a material that meets playground safety standards and upgraded ADA access to the playground activities.

Most of the 38 playgrounds in Sun Prairie Parks are comprised of a combination of playground elements from various manufacturers. Playgrounds installed during the years of 1988-1996 received basic swings and freestanding play elements appropriate for all ages. Starting in 1995, playground safety standards and ADA regulations significantly changed playground design and construction. Beginning in 1995, many City parks were changed to include new safety surfaces, larger use zones around play structures and address accessibility issues. New playgrounds after the year 2000 introduced additional playground components and structures installed for preschool and school age groups. Over the years, many playgrounds have received upgrades and renovations to provide more playground opportunities.

Justification

An average playground has a useful life of 20-25 years. That is 25 years of withstanding the elements, wear and tear from everyday play and unfortunately, vandalism. Outdated and inappropriate equipment, inadequate surfacing and other issues make some playgrounds a safety hazard.

The Playground Replacement CIP prioritizes playground renovations determined by the Parks Department's playground safety inspectors based on the safety and condition of the playground, the level of use, compliance with codes, and availability of equipment to meet the needs of children from ages 2-12. These renovations include: playgrounds that have aged beyond the point where replacement parts can be ordered, equipment that has been removed because of vandalism or wear that could affect safety, or playgrounds in neighborhoods where the population has changed and the need for new equipment has increased. The playground priority attempts to distribute the replacement two playgrounds per year to not duplicate the replacements in the same neighborhood or geographic area of the city. Once the priorities are established and funding is available, meetings are set up with each community to obtain their input for what they would like to see within their playground. A design is prepared based on those needs and the standards of the Department to assure delivery of a playground which the community helps to create and will enjoy for years to come.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment					26,000	26,000
Total					26,000	26,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					26,000	26,000
Total					26,000	26,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 224006
Project Name Cardinal Crest Park Playground Replacement

Type Replacement
Useful Life 25 years
Category Park Equipment
Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

Cardinal Crest Park playground consists of a modular structure and freestanding components with ADA access installed in 1994. All the components are worn from use, safety zones and surfacing need to be improved for an upgraded playground that offers activities to meet the needs of children from ages 2-12.

Most of the 38 playgrounds in Sun Prairie Parks are comprised of a combination of playground elements from various manufacturers. Playgrounds installed during the years of 1988-1996 received basic swings and freestanding play elements appropriate for all ages. Starting in 1995, playground safety standards and ADA regulations significantly changed playground design and construction. Beginning in 1995, many City parks were changed to include new safety surfaces, larger use zones around play structures and address accessibility issues. New playgrounds after the year 2000 introduced additional playground components and structures were installed for preschool and school age groups. Over the years, many playgrounds have received upgrades and renovations to provide more playground opportunities.

Justification

An average playground has a useful life of 20-25 years. That is 25 years of withstanding the elements, wear and tear from everyday play and unfortunately, vandalism. Outdated and inappropriate equipment, inadequate surfacing and other issues make some playgrounds a safety hazard.

The Playground Replacement CIP prioritizes playground renovations determined by the Parks Department's playground safety inspectors based on the safety and condition of the playground, the level of use, compliance with codes, and availability of equipment to meet the needs of children from ages 2-12. These renovations include: playgrounds that have aged beyond the point where replacement parts can be ordered, equipment that has been removed because of vandalism or wear that could affect safety, or playgrounds in neighborhoods where the population has changed and the need for new equipment has increased. The playground priority attempts to distribute the replacement two playgrounds per year to not duplicate the replacements in the same neighborhood or geographic area of the city. Once the priorities are established and funding is available, meetings are set up with each community to obtain their input for what they would like to see within their playground. A design is prepared based on those needs and the standards of the Department to assure delivery of a playground which the community helps to create and will enjoy for years to come.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment					33,500	33,500
Total					33,500	33,500
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					33,500	33,500
Total					33,500	33,500

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 224008
Project Name Fox Point Multi-Use Court

Type New
Useful Life 20 years
Category Park Equipment
Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

Install a multi-use court at Fox Point Park. The court can be used for Pickle Ball, tennis and basketball.

Justification

The Parks and Open Space Plan recommends the installation of more multi-use courts at various locations throughout the City. The courts could be used for basketball, Pickle Ball and tennis.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					50,000	50,000
Total					50,000	50,000

Funding Sources	2018	2019	2020	2021	2022	Total
Park Fund					50,000	50,000
Total					50,000	50,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 224009
Project Name Thoreau Multi-Use Court

Type New
Useful Life 20 years
Category Park Equipment
Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

Install a multi-use court at Thoreau Park. The court can be used for Pickle Ball, tennis and basketball.

Justification

The Parks and Open Space Plan recommends the installation of more multi-use courts at various locations throughout the City. The courts could be used for basketball, Pickle Ball and tennis.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					50,000	50,000
Total					50,000	50,000

Funding Sources	2018	2019	2020	2021	2022	Total
Park Fund					50,000	50,000
Total					50,000	50,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 224010
Project Name Westwynde Multi-Use Court

Type New
Useful Life 20 years
Category Park Equipment

Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

Install a multi-use court at Westwynde Park. The court can be used for Pickle Ball, tennis and basketball.

Justification

The Parks and Open Space Plan recommends the installation of more multi-use courts at various locations throughout the City. The courts could be used for basketball, Pickle Ball and tennis.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					50,000	50,000
Total					50,000	50,000

Funding Sources	2018	2019	2020	2021	2022	Total
Park Fund					50,000	50,000
Total					50,000	50,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 224011
Project Name Hunter's Ridge Multi-use Court

Type New
Useful Life 20 years
Category Park Equipment
Department Public Works: Parks
Contact Public Works Director
Priority 3 Average



Description

Install a multi-use court at Hunter's Ridge Park. The court can be used for Pickle Ball, tennis and basketball.

Justification

The Parks and Open Space Plan recommends the installation of more multi-use courts at various locations throughout the City. The courts could be used for basketball, Pickle Ball and tennis.

Expenditures	2018	2019	2020	2021	2022	Total
Construction					50,000	50,000
Total					50,000	50,000

Funding Sources	2018	2019	2020	2021	2022	Total
Park Fund					50,000	50,000
Total					50,000	50,000

BUILDING MAINTENANCE PROJECTS

SUN PRAIRIE

Community Development

Building Capital Improvements



	2018 Projected	2019 Projected	2020 Projected	2021 Projected	2022 Projected
<i>City Hall</i>					
City Hall Bathroom Updates	\$54,000	\$40,000			
City Hall Entry Door and Frame Replacement	47,000				
City Hall Cooling Tower	100,000				
Solar Panel Installation at City Hall	150,000				
Records Management System		82,000	82,000		
City Hall LED Conversion		110,100			
Network Cabling Replacement Project			200,000		
Liebert Unit 2nd Floor City Hall			28,000		
<i>Sub-total City Hall</i>	351,000	232,100	310,000	-	-
<i>Fleet Maintenance Facility</i>					
Fleet Service Parking Lot Replacement	75,200				
Salt Shed One Repair	40,000				
Salt Shed #2 Cold Storage Bin		60,000			
<i>Sub-total Fleet Maintenance Facility</i>	115,200	60,000	-	-	-
<i>Westside Community Building</i>					
Building Expansion	150,000	1,350,000			
<i>Sub-total Westside Community Building</i>	150,000	1,350,000	-	-	-
<i>Parking Lot Replacements</i>					
Fire/EMS Station One Parking Lot Replacement	26,900				
Sheehan Park Central Parking Lot Replacement		27,200			
Angell St Parking Lot Replacement			25,300		
<i>Sub-total Parking Lot Replacements</i>	26,900	27,200	25,300	-	-
<i>Land Purchases</i>					
Parcel B Mart Enterprises, LLC Land Purchase	3,699,075				
<i>Sub-total Land Purchases</i>	3,699,075	-	-	-	-
Total Cost	\$ 4,342,175	\$ 1,669,300	\$ 335,300	\$ -	\$ -

Building Maintenance Operations

	Included in Repl Fund	2018 Projected	2019 Projected	2020 Projected	2021 Projected	2022 Projected
<i>General</i>						
Heat Pump Replacement	Yes	\$21,000	\$21,000	\$28,000	\$28,000	\$28,000
<i>City Hall</i>						
Chair Replacement	Yes	42,000	20,000			
Council Chambers Refresh	Yes	25,000				
City Hall Ceiling Tile Replacement	Yes	15,000	15,000	10,000		
Bollard Lights	Yes	7,000				
Building Maintenance Room AC	Yes	5,500				
Exhaust Fans Replacement	Yes	3,000	3,000	3,000	1,500	
Pre-Heating/Cooling Pump Replacement	Yes	13,500				
First Floor Office Redesign	Yes	18,100				
Carpet Replacement- Dispatch	Yes		8,000			
Carpet Replacement- PD First Floor	Yes		24,000			
Carpet Replacement- PD Basement	Yes				12,000	
City Hall Break Room Renovations	Yes		18,000			
City Hall 1st Floor Lobby- Remove Wallpaper/Paint	Yes			15,000		
City Hall 2nd Floor Lobby- Remove Wallpaper/Paint	Yes				15,000	
City Hall Community Room- Remove Walpaper/Paint	Yes					15,000
<i>Sub-total Project Costs</i>		150,100	109,000	56,000	56,500	43,000
Annual Contribution		45,000	45,000	45,000	45,000	45,000
Total Cost		\$ 195,100	\$ 154,000	\$ 101,000	\$ 101,500	\$ 88,000

Please note that the 5-year non-capital Building Maintenance budget is still under development. More details will be provided with the proposed 2018 operating budget

Beginning Balance	\$	338,458	\$	233,358	\$	169,358	\$	158,358	\$	146,858
Annual Allocation		45,000		45,000		45,000		45,000		45,000
Expenditures		150,100		109,000		56,000		56,500		43,000
Projected Balance	\$	233,358	\$	169,358	\$	158,358	\$	146,858	\$	148,858

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 171102
Project Name City Hall Bathroom Updates

Type Replacement Department Comm Dev: Building Maint
Useful Life 20 years Contact Maintenance Supervisor
Category Buildings Priority 3 Average



Description

Remodel the restrooms at City Hall, which are in their original state since the building was constructed in 1993. This project will be undertaken in stages, with the 2nd floor restrooms in 2017, the 1st floor restrooms in 2018, and the Police Department restrooms in 2019. The walls, counters, urinals and toilet bowls, lighting and flooring would be evaluated and upgraded/replaced as necessary. Staff will pursue options for energy and water conserving fixtures and determine whether grants or rebates are available.

Justification

Building Maintenance staff has received an increasing number of concerns and complaints about the condition of restroom facilities in recent years. Some of this was related to our contracted janitorial service, for which a change was made in August 2016. However, many complaints related to the age of the equipment and facilities. In order to provide a clean and healthy environment for visitors and staff, it is time to complete a significant upgrade to these facilities. A staged approach is being recommended to defray the impact on the budget and ensure facilities will remain available during construction/remodeling activities.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	54,000	40,000				94,000
Total	54,000	40,000				94,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	54,000	40,000				94,000
Total	54,000	40,000				94,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 181105
Project Name Solar Panel Installation at City Hall

Type New
Useful Life 30 years
Category Buildings

Department City Administrator
Contact City Administrator
Priority 3 Average



Description

The placement of a Solar Panel System on the roof of City Hall to provide green energy for electricity in the building.

Justification

City Hall can support a 75-80 kW-DC system which provides nearly 100,000 kWh per year. In 2016, City Hall utilized an average of 56,500 kWh per month. Grants through WPPI and Focus on Energy will provide approximately half of the funding. Assuming an initial rate of \$0.08/ kWh and an inflation rate of 3% per year, the system would produce enough savings to cover the cost of the system in 7 years and save \$330,650 over 30 years. The clean energy generated by the system is the equivalent of offsetting 8.1 average homes, 58,530 miles driven or 131,420 pounds of coal burned.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment	150,000					150,000
Total	150,000					150,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	75,454					75,454
Grants & Donations	74,546					74,546
Total	150,000					150,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 181106
Project Name City Hall Entry Door and Frame Replacement

Type Replacement Department Comm Dev: Building Maint
Useful Life 25 years Contact Maintenance Supervisor
Category Buildings Priority 3 Average



Description

The entry to the City Hall lobby from the north side of the building (from the parking lot) is showing signs of corrosion at the base of the doorframes. While this may not be a serious structural issue at this point, it will be eventually, and in the meantime is an aesthetic concern at what is the main entry to the building for most employees and visitors. In addition, current door hardware locking mechanisms do not meet current code requirements. The replacement would add a push bar to the inside of the door that would allow individuals out even when doors are locked.

This project would involve a complete replacement of the outer doors, frames, and door hardware at this entry. In addition, the flooring within the vestibule between the doors is permanently soiled and in need of replacement. The flooring will be replaced, as the current system is difficult to clean and maintain.

Justification

The corrosion occurring at this entry is likely due to the use of salt on the entry sidewalk and perhaps a poor seal where the door frame meets the concrete. This corrosion is not occurring at the other entries to the building along Main Street.

In addition, current door hardware locking mechanisms do not meet code requirements. The locking mechanism in the current door has a drive pin that locks from overhead with no way to override in an emergency. The replacement would add a push bar to the inside of the door that would allow individuals out even when doors are locked.

It is recommended that we correct these issues now before they become a more serious issue and begin to affect the function of the doors or the locks that secure this entry.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	47,000					47,000
Total	47,000					47,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	47,000					47,000
Total	47,000					47,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 181107
Project Name City Hall Cooling Tower

Type Replacement
Useful Life 25 years
Category Buildings

Department Comm Dev: Building Maint
Contact Maintenance Supervisor
Priority 2 High



Description

Several years ago many of the internal pipes in the City Hall cooling tower were damaged, we believe by freezing. Repairs were completed with hoses and clamps to make the unit operational, and the unit has been functioning. In 2017, a comprehensive inspection of the heating and cooling components of all of our City facilities was conducted, and serious concerns about the repairs were raised by the Building Maintenance Supervisor and contractors that assisted with the inspection. It is recommended that the cooling tower be replaced soon before catastrophic failure of the repaired areas occurs.

Justification

The cooling tower is a critical component of both the heating and cooling systems at City Hall. If the unit fails it will seriously compromise the work environment at City Hall - particularly if the failure occurs during a time of peak high or low temperatures. While the repairs made several years ago are still intact, they are clearly a weak link in the system. Replacement before they fail is recommended.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment	100,000					100,000
Total	100,000					100,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	100,000					100,000
Total	100,000					100,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 181208
Project Name West Side Community Building Expansion

Type Improvement Department Police Department
Useful Life 50 years Contact Police Captain
Category Buildings Priority 2 High



Description

The westside community building houses the Police Department, Emergency Medical Services Department, and the Parks and Recreation Department. This building is also in close proximity to the Fire Department's Station 2. As the Fire Department moves toward 24/7 staffing, they will need space for staff to have kitchen and sleeping facilities. The expansion of the westside community building would create the space the Fire Department needs, as well as provide a training room that all of the protective services departments could use.

Justification

The Fire Department is incrementally working to 24/7 staffing at Station 2. To assist in facilitating this, the City needs to expand the West Side Community Building to provide space for the Fire Department, as well as Police and EMS.

Expenditures	2018	2019	2020	2021	2022	Total
Design	150,000					150,000
Construction		1,350,000				1,350,000
Total	150,000	1,350,000				1,500,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	150,000	1,350,000				1,500,000
Total	150,000	1,350,000				1,500,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 181301
Project Name Salt Shed One Repair

Type Improvement Department Public Works
Useful Life 15 years Contact Public Works Director
Category Buildings Priority 2 High



Description

The City was previously notified by the Wisconsin Department of Commerce and subsequently verified construction deficiencies in the frame structure of Salt Shed #1 (Coverall Systems Product 2007). The facility does not meet the building code requirements for resistance to environmental loads and load combinations, including snow and wind. The building cannot be entered in severe weather, including, snow, sleet, freezing rain and wind speeds in excess of 35 mph; the building may collapse under these conditions.

Justification

The salt shed storage use is less significant with the ability to use Building #2 (constructed in 2010); however, the City will still rely on use of this building for salt storage but access may be limited during certain conditions. It is important to note there is a safety concern, which requires a remedy, and there is exposure to staff if needing to work in or near the facility. With Salt Building #2, it is anticipated that entry into the building can be minimized while still having the salt supply available. An active review of warranty or insurance coverage has been conducted by the City Attorney and remains open to future damage recovery.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	40,000					40,000
Total	40,000					40,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	40,000					40,000
Total	40,000					40,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 181401
Project Name Fleet Services Parking Lot Replacement

Type Replacement
Useful Life 25 years
Category Buildings

Department Public Works
Contact Public Works Director
Priority 3 Average



Description

Mill and overlaying existing city parking lot.

Justification

The Fleet Shop parking lot never received the top layer of asphalt after the base layer was installed in 2017. The current asphalt is cracked and turning to rubble. For the past three years, the DNR's salt shed inspection noted the pavement needs to be replaced because salt is able to infiltrate into the ground through the cracks in the asphalt.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	75,200					75,200
Total	75,200					75,200

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	75,200					75,200
Total	75,200					75,200

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 181601
Project Name Fire / EMS Parking Lot Replacement

Type Replacement
Useful Life 25 years
Category Buildings

Department Public Works
Contact Public Works Director
Priority 2 High



Description

Mill and overlaying the existing asphalt at the East side Fire / EMS parking lot, behind the building.

Justification

The Fire and EMS East parking lot is cracking and turning to rubble and has out-lived its useful life.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	26,900					26,900
Total	26,900					26,900

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	26,900					26,900
Total	26,900					26,900

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 183003
Project Name Parcel B Mart Enterprises, LLC Land Purchase

Type New Department Comm Dev: Building Maint
Useful Life Permanent Contact Administrative Services Direc
Category Land Priority 1 Mandatory

Description

Purchase of 24 Acres (Parcel B) from Mart Enterprises LLC (Schneider Property).

Justification

The City entered into an agreement to purchase land from Mart Enterprises, LLC on December 6, 2016. The agreement required the City purchase 17 acres (parcel A) by March 31, 2016. It also required the purchase of 24 acres (Parcel B) by December 31, 2018. It should be noted that the purchase price for the 24 acres is \$3,689,074.62 if the sale closes prior to July 1, 2018. After July 1, 2018 the price increases to \$3,794,476.75.

Expenditures	2018	2019	2020	2021	2022	Total
Other	10,000					10,000
Land/ROW/Acquisition	3,689,075					3,689,075
Total	3,699,075					3,699,075

Funding Sources	2018	2019	2020	2021	2022	Total
State Trust Fund Loan	3,699,075					3,699,075
Total	3,699,075					3,699,075

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 191401
Project Name Salt Shed #2 Cold Storage Bin

Type New
Useful Life 20 years
Category Buildings

Department Public Works
Contact Public Works Director
Priority 3 Average



Description

Installation of asphalt and cold storage bins at Salt Shed # 2. To store gravel, sand, pothole patch material, cold mix for patching asphalt. We would also install a lean-to structure over the top to keep some snow off the material.

Justification

Many times Public Works has been called out to emergency road repairs after hours and the materials that are needed to repair the road are not available because we rely on other companies to supply the materials. These cold storage bins would allow us to store materials on site and be prepared for emergency calls.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		60,000				60,000
Total		60,000				60,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		60,000				60,000
Total		60,000				60,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 194002
Project Name Sheehan Park Central Parking Lot Replacement

Type Replacement
Useful Life 25 years
Category Buildings

Department Public Works
Contact Public Works Director
Priority 3 Average



Description

Mill and overlaying existing city parking lot.

Justification

The Sheehan Park Central parking lot is cracking and turning to rubble and has out-lived its useful life.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		27,200				27,200
Total		27,200				27,200

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		27,200				27,200
Total		27,200				27,200

Capital Improvement Plan

2018 *thru* 2022

City of Sun Prairie, Wisconsin

Project # 201105
Project Name City Hall LED Conversion

Type Replace/Upgrade
Useful Life 20 years
Category Buildings
Department Comm Dev: Building Maint
Contact Maintenance Supervisor
Priority 3 Average



Description

Convert the light fixtures in City Hall to LED, providing a more energy efficient and lower maintenance lighting option for the building.

Justification

The current fluorescent lighting throughout City Hall provides a quality work environment, but is relatively high maintenance and demands a lot of staff time and relatively high replacement needs. Some LED replacement has been initiated at the Public Library with success. LED bulbs use less energy and last much longer than the current bulbs.

It is possible the city may be able to receive a rebate or grant for this project.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		110,100				110,100
Total		110,100				110,100

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		110,100				110,100
Total		110,100				110,100

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 202001
Project Name Record Management System

Type Replacement Department Police Department
Useful Life 15 years Contact Police Chief
Category Equipment: Computers Priority 1 Mandatory



Description

Purchase new records management System (RMS) software for the police department. The police department uses RMS software to maintain its official police data.

Justification

The police department has learned that the current records management system (RMS), which is a Global brand software, is nearing end of life and will no longer be supported by the vendor in the year 2020. In addition, the current RMS software will not be able to comply with the new FBI crime analysis system, Incident Based Reporting (IBR), which replaces Uniformed Crime Reporting (UCR). The RMS software is maintained by the Multijurisdictional Public Safety Information System (MPSIS), a consortium consisting of the following police departments: Sun Prairie, Verona, Monona, Fitchburg and Middleton. The funding request is Sun Prairie's contribution toward the purchasing of new software. RMS software is integral to police operations and is required for the continuation of police services. The replacement project is to begin in 2019, therefore half of the replacement cost is budgeted for that year, and half of the replacement cost is budgeted for 2020.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		82,000	82,000			164,000
Total		82,000	82,000			164,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		82,000	82,000			164,000
Total		82,000	82,000			164,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 201101
Project Name Liebert Unit Replacement - 2nd Floor City Hall

Type Replacement Department Comm Dev: Building Maint
Useful Life 20 years Contact Maintenance Supervisor
Category Buildings Priority 2 High



Description

Replace the temperature control unit for the Computer Room in the 2nd floor City Hall computer room. Liebert units are high end, very reliable heating, cooling, dehumidifying and humidifying units all built into one unit. The units are used in high priority areas that demand reliability and longevity. They are critical for the continued operations of the equipment used in the computer room.

Justification

The existing Liebert Unit used for the Dispatch Center is nearing the end of its useful life. In order to ensure that the environment in the Dispatch Center is maintained at a level that supports the optimal operation of its equipment, it is imperative that this unit be replaced before it ceases to operate. It is anticipated that the unit that serves the computer room will need to be replaced in 2020. Given the importance of the equipment that these units are serving, it would be wise to replace them prior to failure.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment			28,000			28,000
Total			28,000			28,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			28,000			28,000
Total			28,000			28,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 201102
Project Name Angell St Parking Lot Replacement

Type Replacement
Useful Life 25 years
Category Buildings

Department Public Works
Contact Public Works Director
Priority 3 Average



Description

Mill and overlaying existing city parking lot.

Justification

The Angell Street public parking lot is cracking and turning to rubble and has out-lived its useful life.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			25,300			25,300
Total			25,300			25,300

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			25,300			25,300
Total			25,300			25,300

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 201104
Project Name Network Cabling Replacement Project

Type Replacement Department IT
Useful Life 15 years Contact IT Director
Category Buildings Priority 3 Average



Description

Replace network cabling between devices (computers, printers, phones, etc.) and City network switches in City Hall, the West Side Community Building, Public Works, Waste Water, Library, Media Center, and East EMS/Fire Facilities. Replacement will resolve issues with performance and reliability, update the network to a modern cabling standard, and provide another 10 to 15 years of useful life.

Justification

Network cabling in City buildings has reached the end of its useful life and is beginning to experience issues with performance and reliability impacting the ability of all City employees and users to perform their duties in the most efficient manner possible. This project will rectify those issues, increase performance, modernize the network by utilizing a modern cabling standard, and provide another 10 to 15 years of useful life. This project will also reduce the amount spent annually on network cabling repairs.

Expenditures	2018	2019	2020	2021	2022	Total
Construction			200,000			200,000
Total			200,000			200,000

Funding Sources	2018	2019	2020	2021	2022	Total
Fleet Inservice Fund			6,000			6,000
GO Borrowing			187,500			187,500
Stormwater Fund			500			500
Wastewater Fund			6,000			6,000
Total			200,000			200,000

LIBRARY PROJECTS

SUN PRAIRIE
Capital Improvement Plan
Library Improvements



Description	2018 Projected	2019 Projected	2020 Projected	2021 Projected	2022 Projected
CAPITAL ITEMS - Levy					
Library Parking Lot				\$25,000	\$170,000
Library Roof Replacement			350,000		
Total Cost	\$ -	\$ -	\$ 350,000	\$ 25,000	\$ 170,000

Description	2018 Projected	2019 Projected	2020 Projected	2021 Projected	2022 Projected
CAPITAL ITEMS - Library Fund					
Laminate Flooring	\$5,000				
Side Chairs	30,000				
Interior Painting	50,000				
Youth services information desk replacement	25,000				
Architectural Analysis	30,000				
Program Fund (similar to Library Facilities/IT Replacement Funds)	30,000				
Information Desk Intern	15,000				
Boiler Replacement	5,000	5,000	5,000		
Carpet Square Replacement	500	500	500	500	500
Exterior Caulking		20,000			
Exterior Woodwork		20,000			
Lighting			25,000		
Ceililing Repair			75,000		
Staff Furniture & Equipment		10,000	10,000	10,000	
Community ,Conference & Discussion Room Furniture	15,000	20,000	30,000		
Computer Lab tables			5,000		
Upholstered furniture Adult NF	12,000				
Porch Furniture			8,000		
Reading Room Furniture		12,000			
Reference Area Furniture			12,000		
Youth services chairs, tables, desk, carrels				20,000	
Teen furniture	15,000				
Shelving	1,500	1,500	2,000		
Televisions & Blu-Ray/DVD Players		6,000			
<i>Sub-total Project Costs</i>	234,000	95,000	172,500	30,500	500
Annual Contribution	35,500	35,500	35,500	35,500	35,500
Total Cost	\$ 269,500	\$ 130,500	\$ 208,000	\$ 66,000	\$ 36,000

Beginning Balance	\$ 231,977	\$ 33,477	\$ (26,023)	\$ (163,023)	\$ (158,023)
Annual Allocation	35,500	35,500	35,500	35,500	35,500
Expenditures	234,000	95,000	172,500	30,500	500
Projected Balance	<u>\$ 33,477</u>	<u>\$ (26,023)</u>	<u>\$ (163,023)</u>	<u>\$ (158,023)</u>	<u>\$ (123,023)</u>

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 181505
Project Name Library Parking Lot

Type Improvement Department Library
Useful Life 20 years Contact Library Director
Category Buildings Priority 3 Average



Description

The parking lot at the library is very worn and over the years it has been maintained by filling in cracks as needed. The cracks and unevenness are potentially damaging to the many vehicles that enter and exit the parking lot daily. Widening the driveway and including arrows to direct the flow of traffic as part of the project will address safety concerns that affect library visitors and staff entering and exiting our parking lot. The gravel and the unevenness detract from the beautiful exterior and the lush prairie gardens.

Justification

The library and the parking lot will be 20 years old in 2019. With over 200,000 visitors annually, the parking lot experiences wear and tear due to weather and traffic and is beyond its useful life.

Expenditures	2018	2019	2020	2021	2022	Total
Design				25,000		25,000
Construction					170,000	170,000
Total				25,000	170,000	195,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing				25,000	170,000	195,000
Total				25,000	170,000	195,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 201506
Project Name Library Roof Replacement

Type Replacement
Useful Life 20 years
Category Buildings

Department Library
Contact Library Director
Priority 2 High



Description

The library building was constructed in 1999 and the building project was completed in 2000. At the time, the life expectancy of the roof was 15 years. In 2017, repairs and maintenance was completed to extend the life of the roof for an additional three years.

Justification

During an inspection in March 2017, many vulnerable areas were discovered that may lead to leaks and roof failure. The report included weaknesses and instability in the roof membrane, lap sealant, concrete pavers, metal curb, pipes, silicone sealant, and roof ballast. The recommendation was to undertake a few repairs and maintenance projects in 2017 to ensure safety and extend the roof life for an additional three years.

Expenditures	2018	2019	2020	2021	2022	Total
Maintenance			350,000			350,000
Total			350,000			350,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			350,000			350,000
Total			350,000			350,000

WATER POLLUTION CONTROL FACILITY PROJECTS

SUN PRAIRIE
Capital Improvement Plan
Water Pollution Control Facility



Capital Item~	Included in Repl Fund?	2018 Projected	2019 Projected	2020 Projected	2021 Projected	2022 Projected
Sewer Capital Projects/Flow (See Streets Projects Tab)	No	\$ 763,000	\$ 479,000	\$ 224,400	\$ 176,000	\$ 394,000
Remove Clearwater from Sanitary Sewer System	No	400,000	345,000	510,000	500,000	285,000
Phosphorus Treatment WPDES - Plant Upgrade, Eng	No	890,000	300,000		200,000	
Phosphorus Treatment WPDES - Plant Upgrade, Capital	Some Equip will be			12,500,000		
Upgrade Shonas Lift Force Main	Yes	441,000				
Replace Columbus Lift Station	Yes	200,000				
NW Koshkonong Facility	No	250,000				
Network Cabling Replacement Project	Yes			6,000		
Replace Hickory Grove Lift Station	Yes				90,000	
Replace Influent Wet Well Controls	Yes				70,000	
Replace Anoxic Tank Mixers(4)	Yes				52,000	
Replace Anoxic Tank Recir. Pumps(2)	Yes				33,000	
Replace Secondary Clarifier Baffles	Yes				38,000	
Replace RAS Pumps(3)	Yes				60,000	
Replace WAS Pumps(2)	Yes				26,000	
Replace Aeration Tanks Blowers(4)	Yes				330,000	
Replace Digester Covers(2)	Yes				280,000	
Replace W3 Pump Controls	Yes				70,000	
Replace GBT Feed Pumps(2)	Yes				28,000	
Replace Biosolids Boiler Recir. Pumps(3)	Yes				30,000	
Replace Biosolids Conveyor	Yes				58,000	
Replace SCADA System Wiring and PLC's	Yes				75,000	
Replace New Holland Tractor	Yes				25,000	
Replace End Loader	Yes				220,000	
Replace #4 Raw Wastewater Pump	Yes				90,000	
Replace Grit Pumps (2)	Yes				40,000	
Replace Primary Tank Collectors	Yes				100,000	
Replace Secondary Clarifier Scum Pumps (2)	Yes				40,000	
Replace Aeration Channel Blowers (3)	Yes				75,000	
Replace Thompson 6" Portable Pump	Yes				25,000	
Replace WAS Tanks Blowers (3)	Yes				75,000	
Replace 80kw Porteratorable Gen	Yes				30,000	
Replace UV Tank Blowers (2)	Yes					60,000
Replace Filter Building Heat/Venting System	Yes					30,000
Debt Issuance Costs	No	40,300	15,700	13,900	12,200	14,500
Total Cost		\$2,984,300	\$1,139,700	\$13,254,300	\$2,848,200	\$783,500

~ Please see the Equipment Replacement Plan in the WPCF Budget for a full detail listing of the plan.

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 168101
Project Name Remove Clearwater From Sewer System

Type Improvement Department Wastewater
Useful Life 20 years Contact Wastewater Treatment Plant
Category Wastewater Priority 1 Mandatory



Description

Remove sources of clearwater (inflow and infiltration) entering the sanitary sewer system. Main clearwater sources identified are leaking sewer joints, manhole barrel joints, between adjusting rings (used to bring manhole casting to road grade), and sump pumps. The plan is to use chemical grout to seal leaks in the sewer system. I also suspect that older clay sewer laterals are also contributing clearwater. Included in this cost is flow monitoring and television inspection of the sewer system that are used to determine sources of clearwater.

Justification

Clearwater entering sewer system can increase plant flow over 2,000,000 gallons per day. This clearwater can overload the sanitary sewer system, causing sewer backups, and overload the treatment plant reducing treatment capacity, especially the biological phosphorus treatment process. By reducing the amount of clearwater entering the sewer system we can reduce sewer backups and extend the useful life of the treatment plant.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	400,000	345,000	510,000	500,000	285,000	2,040,000
Total	400,000	345,000	510,000	500,000	285,000	2,040,000

Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund	400,000	345,000	510,000	500,000	285,000	2,040,000
Total	400,000	345,000	510,000	500,000	285,000	2,040,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project #	168102		
Project Name	Phosphorous Treatment and Plant Capacity Upgrades		
Type	Improvement	Department	Wastewater
Useful Life	20 years	Contact	Wastewater Treatment Plant
Category	Wastewater	Priority	1 Mandatory



Description

The City's Wisconsin Pollutant Discharge Elimination System (WPDES) Permit has set new treatment limits for phosphorus of 0.075 mg/l, which the current plant cannot meet. As part of the Permit, the Department of Natural Resources (DNR) has established a compliance schedule that the City must meet prior to the new limit going into effect in October 2022. Included with phosphorus upgrades are upgrades needed to provide capacity for future growth of the City. The revised schedule for meeting the October 2022 treatment requirements shows completion of the Facility Plan by December 31, 2017, completion of plans and specifications by December 2018, and starting construction in April 2019 with project completion date of October 2021. A contracted vendor is working with the City on meeting the compliance schedule.

Justification

Meet WPDES Permit compliance schedule for phosphorus treatment and make necessary upgrades to the plant to handle future growth.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	890,000	300,000	12,500,000	200,000		13,890,000
Total	890,000	300,000	12,500,000	200,000		13,890,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			12,000,000			12,000,000
Wastewater Fund	890,000	300,000	500,000	200,000		1,890,000
Total	890,000	300,000	12,500,000	200,000		13,890,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 178104
Project Name Upgrade Shonas Lift Force Main

Type Improvement Department Wastewater
Useful Life 50 years Contact Wastewater Treatment Plant
Category Wastewater Priority 2 High



Description

Upgrade existing Shonas Lift Station force main from six (6) inch to eight (8) inch. The force main starts at Shonas Lift on Stonehaven, and runs south on Dolan and then east on St. Albert The Great Drive. Total length is 3,690 feet. Design for this project would need to be completed in 2017 with construction starting in 2018 with a June completion date.

Justification

The upgrade of the force main is needed to accommodate projected flows from The Reserve, that includes a new middle school. The current force main was installed in 1995 with a projected 50 year service life. At some future date, the City would have to replace the force main but now has a partner to help pay for a portion of this cost. With total projected cost of \$476,000 (including \$35,000 in design cost incurred in 2017), a recommendation was made that the City pay 44 percent of this cost with the developer paying 56 percent.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	408,000					408,000
Professional Services	33,000					33,000
Total	441,000					441,000

Funding Sources	2018	2019	2020	2021	2022	Total
Capital Contribution	246,960					246,960
GO Borrowing	194,040					194,040
Total	441,000					441,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 188101
Project Name Replace Columbus Lift Station

Type Replacement Department Wastewater
Useful Life 30 years Contact Wastewater Treatment Plant
Category Wastewater Priority 2 High



Description

The Columbus Lift Station has been in service since 1982. While the lift station is still dependable, the pumps, valves, and control panel will need to be replaced. The station will also require an evaluation of the condition of the wet well (concrete basin where wastewater enters and pumps are located) and force main (wastewater is pumped into force main to upstream manhole). If the wet well and force main need to be replaced, this could add an additional \$100,000 to \$200,000 to the cost of this project.

Justification

Protect the health and safety of customers serviced by Columbus Lift Station.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment	200,000					200,000
Total	200,000					200,000

Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund	200,000					200,000
Total	200,000					200,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218101
Project Name Replace Hickory Grove Lift Station

Type Replacement Department Wastewater
Useful Life 25 years Contact Wastewater Treatment Plant
Category Wastewater Priority 3 Average



Description

The Hickory Grove Lift Station has been in service since 1996. While still dependable, need to consider replacing pumps, valves, and control panel. Will also need to evaluate the condition of the wet well (concrete basin where wastewater enters and pumps are located) and force main (wastewater is pumped into force main to upstream manhole). If the wet well and force main need to be replaced, this could add an additional \$100,000 to \$200,000 to the cost of this project.

Justification

Protect the health and safety of customers serviced by the Hickory Grove Lift Station.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				90,000		90,000
Total				90,000		90,000

Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				90,000		90,000
Total				90,000		90,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218102
Project Name Replace Influent Wet Well Controls and VFD's

Type Replacement Department Wastewater
Useful Life 15 years Contact Wastewater Treatment Plant
Category Wastewater Priority 3 Average



Description

The controls for the influent wet well have been in service since 2006. Depending upon the depth of the wet well, these controls determine how many pumps will need to operate at any given time in order to maintain the wet well at the designed elevation.

Justification

If controls fail, influent pumps would not operate and wastewater would start backing up into the interceptor sewer and eventually into customer's basements.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				70,000		70,000
Total				70,000		70,000

Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				70,000		70,000
Total				70,000		70,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218104
Project Name Replace Anoxic Tank Mixers (4)

Type Replacement Department Wastewater
Useful Life 15 years Contact Wastewater Treatment Plant
Category Wastewater Priority 3 Average



Description

The anoxic tank floating mixers were installed in 2016 and are used to thoroughly mix incoming primary wastewater with microorganisms (solids) returned from the aeration basins. This mixing is needed to ensure that the release of phosphorus occurs in this basin before the wastewater goes to the aeration basins where the microorganisms (solids) will uptake the phosphorus. The solids are eventually settled out in the secondary clarifiers removing the phosphorus.

Justification

If mixers fail, it could cause violations in City Wisconsin Pollutant Discharge Elimination System (WPDES) Permit.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				52,000		52,000
Total				52,000		52,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				52,000		52,000
Total				52,000		52,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project #	218105		
Project Name	Replace Anoxic Tank Recirculation. Pumps (2)		
Type	Replacement	Department	Wastewater
Useful Life	15 years	Contact	Wastewater Treatment Plant
Category	Wastewater	Priority	3 Average



Description

The anoxic tank recirculation pumps were installed in 2006. Pumps are used to return some of the microorganisms (solids) to the head of the anoxic tank in order to maintain microorganism population in the anoxic basins. This then helps to ensure that the wastewater passes through the next treatment process where phosphorus can be removed.

Justification

If the recirculation pumps fail, it could cause violations in City's Wisconsin Pollutant Discharge Elimination System (WPDES) Permit.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				33,000		33,000
Total				33,000		33,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				33,000		33,000
Total				33,000		33,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project #	218106		
Project Name	Replace Secondary Clarifier Baffles		
Type	Replacement	Department	Wastewater
Useful Life	15 years	Contact	Wastewater Treatment Plant
Category	Wastewater	Priority	3 Average



Description
Replace secondary clarifier baffles that were installed in 2006. The purpose of the baffles is to keep settled solids from flowing out of the secondary clarifiers.

Justification
Without baffles, you would have more of the solids that were settled in the secondary clarifier flow out of the clarifiers. When this happens, the settled solids that contain phosphorus could cause violations in City's Wisconsin Pollutant Discharge Elimination System (WPDES) Permit.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				38,000		38,000
Total				38,000		38,000

Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				38,000		38,000
Total				38,000		38,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218107
Project Name Replace RAS Pumps (3)

Type Replacement Department Wastewater
Useful Life 15 years Contact Wastewater Treatment Plant
Category Wastewater Priority 3 Average



Description

Replace the return activated sludge (RAS) pumps that were installed in 2006. The RAS pumps are used to return a certain amount of microorganisms back to the head of the aeration basin. This is done to ensure that the correct population of microorganism are available in the aeration basins to remove phosphorus and other organic materials found in wastewater.

Justification

Without the correct population of microorganisms, the City would violate their Wisconsin Pollutant Discharge Elimination System (WPDES) Permit.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				60,000		60,000
Total				60,000		60,000

Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				60,000		60,000
Total				60,000		60,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218108
Project Name Replace WAS Pumps (2)

Type Replacement Department Wastewater
Useful Life 15 years Contact Wastewater Treatment Plant
Category Wastewater Priority 3 Average



Description

Replace the waste activated sludge (WAS) pumps that were installed in 2006. The WAS pumps are used to remove a certain amount of microorganisms from the aeration tanks. This is done to ensure that the correct population of microorganism are available in the aeration basins to remove phosphorus and other organic materials found in the wastewater.

Justification

Without the correct population of microorganisms, the City would violate their Wisconsin Pollutant Discharge Elimination System (WPDES) Permit.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				26,000		26,000
Total				26,000		26,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				26,000		26,000
Total				26,000		26,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project #	218109		
Project Name	Replace Aeration Tanks Blowers (4)		
Type	Replacement	Department	Wastewater
Useful Life	15 years	Contact	Wastewater Treatment Plant
Category	Wastewater	Priority	3 Average



Description
Replace four aeration basin blowers that were installed in 2006. The blowers provide a supply of oxygen to the aeration basins. Oxygen is needed to support the microorganisms that are found in the basins so that they can remove organic materials found in the wastewater.

Justification
Lack of oxygen in the aeration basins would result in violations of the City's Wisconsin Pollutant Discharge Elimination System (WPDES) Permit.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				330,000		330,000
Total				330,000		330,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				330,000		330,000
Total				330,000		330,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218112
Project Name Replace Digester Covers

Type Replacement Department Wastewater
Useful Life 15 years Contact Wastewater Treatment Plant
Category Wastewater Priority 3 Average



Description

Replace north and south digester covers. These covers were originally installed in 1982 and were repaired/painted in 2006. The covers are used to contain the odors and methane gas that is produced as solids in digesters are treated. These solids are eventually land applied to agriculture fields.

Justification

Significant odors would occur resulting in complaints from surrounding homes and businesses. Also, we would lose our ability to store methane gas that would result in significant increases in use of natural gas for heating digesters and providing heat to various treatment plant buildings.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				280,000		280,000
Total				280,000		280,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				280,000		280,000
Total				280,000		280,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218113
Project Name Replace W3 Pump Controls

Type Replacement Department Wastewater
Useful Life 15 years Contact Wastewater Treatment Plant
Category Wastewater Priority 3 Average



Description

Replace W3 pump controls that were installed in 2006. The W3 (nonpotable water) controls are used to control the operation of the 10 Hp and 20 Hp W3 pumps. Controller turns On and Off pumps based on amount of water being used and pressure of water in nonpotable water tank. The controller also alternates pump operation to even out run hours on pumps. This water is used in many treatment processes for washing down tanks and equipment.

Justification

the controller monitors for a drop in water levels and pressure in the water storage tank. As level/pressure is reduced the controller will turn on or shut off W3 pumps. W3 water is used in the operation of the Belt Filter and Gravity Filter presses. Without this water, the presses would not operate which could then cause the digesters to become overloaded and we would have more Biosolids to land apply.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				70,000		70,000
Total				70,000		70,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				70,000		70,000
Total				70,000		70,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218114
Project Name Replace GBT Feed Pumps (2)

Type Replacement Department Wastewater
Useful Life 15 years Contact Wastewater Treatment Plant
Category Wastewater Priority 3 Average



Description

Replace gravity belt thickener (GBT) press feed pumps that were installed in 2006. The pumps supply solids to the GBT press that then thickens the solids from less than 1% solids to around 5%. The solids are then pumped to digesters for further treatment.

Justification

If the pumps would fail, we could not feed solids to the GBT press for thickening. The end result would be pumping less than 1% solids to digesters rather than 5% solids using up valuable digester capacity. This would also reduce detention times that would reduce solids treatment and production of methane gas. Also, with the possibility of reduced solids treatment, this could restrict application of solids on approved Department of Natural Resources sites.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				28,000		28,000
Total				28,000		28,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				28,000		28,000
Total				28,000		28,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project #	218115		
Project Name	Replace Biosolids Boiler Recirculation. Pumps (3)		
Type	Replacement	Department	Wastewater
Useful Life	15 years	Contact	Wastewater Treatment Plant
Category	Wastewater	Priority	3 Average



Description
Replace Biosolids boiler recirculation pumps that were installed in 2006. The purpose of the pumps is to recirculate Biosolids from the digesters through the boiler. This ensures that the Biosolids in the digesters maintain the proper temperature needed to treat the Biosolids so that it can eventually be land applied.

Justification
If the pumps would fail, we could not maintain digester temperatures and Biosolids would not receive adequate treatment. The end result would be an inability to land apply the Biosolids.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				30,000		30,000
Total				30,000		30,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				30,000		30,000
Total				30,000		30,000

Capital Improvement Plan
City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218117
Project Name Replace Biosolids Conveyor

Type Replacement Department Wastewater
Useful Life 15 years Contact Wastewater Treatment Plant
Category Wastewater Priority 3 Average



Description

Replace the Biosolids conveyor that was installed in 2006. The conveyor moves the thickened Biosolids from the belt filter press (BFP) to the dump truck where it is then transported to the Biosolids storage building. The Biosolids are eventually land spread on approved Department of Natural Resources sites.

Justification

If the conveyor would fail, staff would have to take thickened Biosolids from BFP and manually fill the dump trucks.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				58,000		58,000
Total				58,000		58,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				58,000		58,000
Total				58,000		58,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218118
Project Name Replace SCADA System Wiring & PLCs

Type Replacement Department Wastewater
Useful Life 25 years Contact Wastewater Treatment Plant
Category Wastewater Priority 3 Average



Description

Replace the existing Supervisory Control and Data Acquisition (SCADA) wiring and Programmable Logic Controllers (PLCs) that were installed in 1996. The SCADA system monitors and is used to change operation settings on plant equipment and processes, and brings this information to the SCADA computer located in the Administration Building. The PLCs contain the programming that controls the operation of all plant equipment. Another important part of the SCADA system is monitoring all plant equipment and sending alarms to the Police Department when critical equipment fails.

Justification

If the SCADA system should fail, staff would have to manually operate plant equipment. This would result in staff spending more time operating plant equipment and less time maintaining equipment. The Water Pollution Control Facility would also have to come up with another way to monitor critical plant equipment or have the plant staffed 24/7.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				75,000		75,000
Total				75,000		75,000

Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				75,000		75,000
Total				75,000		75,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218119
Project Name Replace New Holland Tractor

Type Replacement Department Wastewater
Useful Life 20 years Contact Wastewater Treatment Plant
Category Wastewater Priority 3 Average



Description

Replace the New Holland Tractor that was purchased in 2001. The tractor is used to maintain plant grounds (lawn mowing and snow removal) and move heavy equipment, manhole castings/lids, and unloading chemicals and other products received by trucks.

Justification

There are certain areas in the plant where the tractor works best for snow removal due to limited space. Safety is also a big concern as we receive many heavy shipments by truck that can only be safely unloaded using the tractor. We also use the tractor for safely loading/unloading heavy plant equipment that staff transports directly to the vendor for repair.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				25,000		25,000
Total				25,000		25,000

Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				25,000		25,000
Total				25,000		25,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218121
Project Name Replace Wheeled End Loader

Type Replacement Department Wastewater
Useful Life 15 years Contact Wastewater Treatment Plant
Category Wastewater Priority 3 Average



Description

Replace the end loader that was purchased in 2006. The end loader is mainly used to stack Biosolids in the Biosolids storage building and load trucks that transport Biosolids to hauling sites. The end loader is also used to move heavy snow. From time to time, the loader is used by the Public Works department for loading salt trucks and for snow removal.

Justification

Without the loader, we would have no way to stack the Biosolids in storage building for maximizing storage space. The loader is also needed to load dump trucks that transport Biosolids to approved Department of Natural Resources sites.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				220,000		220,000
Total				220,000		220,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				220,000		220,000
Total				220,000		220,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project #	218124		
Project Name	Replace #4 Raw Wastewater Pump		
Type	Replacement	Department	Wastewater
Useful Life	20 years	Contact	Wastewater Treatment Plant
Category	Wastewater	Priority	2 High



Description

This is a 75 Hp pump that pumps wastewater up 35 feet from the Main Interceptor to the treatment plant where it then starts going through many treatment processes.

Justification

This pump is one of two raw wastewater 75Hp pumps that is mainly used during periods of high flow that occurs after/during a significant rainfall event. The 75 Hp pumps are needed to ensure that all flow coming to the plant can be pumped from wet well and not backup into the Main Interceptor that could eventually backup into customers basements.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				90,000		90,000
Total				90,000		90,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				90,000		90,000
Total				90,000		90,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218125
Project Name Replace Grit Pumps(2)

Type Replacement Department Wastewater
Useful Life 15 years Contact Wastewater Treatment Plant
Category Wastewater Priority 3 Average



Description

The grit pumps are used to pump grit (coffee grounds, egg shells, etc.) from grit tank to the grit washer. The grit washer then washes the grit and removes all organic material that then flows back to the head of the plant for treatment.

Justification

The material that settles out in the grit tank is rather abrasive and if not removed, can cause wear on downstream plant equipment. Also , if the grit is not removed, it will used up valuable space in the digesters that is need to treat organic solids that is removed from the wastewater by other plant processes.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				40,000		40,000
Total				40,000		40,000

Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				40,000		40,000
Total				40,000		40,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218126
Project Name Replace Primary Tank Collectors

Type Replacement Department Wastewater
Useful Life 15 years Contact Wastewater Treatment Plant
Category Wastewater Priority 2 High



Description

The primary tank collectors are large scrapers that move settled organic solids to the north end of the tank where the solids are stored in a hopper. This organic material is then periodically pumped to the digesters for further treatment.

Justification

If the scrapers fail, we would overload the plant with organics that could cause a violation of our Wisconsin Pollutant Discharge Elimination System (WPDES) Permit.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				100,000		100,000
Total				100,000		100,000

Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				100,000		100,000
Total				100,000		100,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project #	218128		
Project Name	Replace Secondary Clarifier Scum Pumps(2)		
Type	Replacement	Department	Wastewater
Useful Life	15 years	Contact	Wastewater Treatment Plant
Category	Wastewater	Priority	2 High



Description

There is a small layer of grease and sometimes solids that floats on the water surface of the secondary clarifier. A large arm on the clarifier, pushes this material into a tank that when full, activates the scum pump that pumps this material to the head of the plant for further treatment.

Justification

If the grease and floating solids is not removed, this material could plug the sand filters that could cause a violation of our Wisconsin Pollutant Discharge Elimination System (WPDES) Permit.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				40,000		40,000
Total				40,000		40,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				40,000		40,000
Total				40,000		40,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218129
Project Name Replace Aeration Channel Blowers(3)

Type Replacement Department Wastewater
Useful Life 15 years Contact Wastewater Treatment Plant
Category Wastewater Priority 2 High



Description

The aeration channel blowers keep the wastewater solids well mixed before solids enter the aeration tank for treatment,

Justification

If the aeration channel blowers would fail, wastewater organic solids would accumulation in channel that would then reduce biological treatment that occurs in the aeration tanks.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				75,000		75,000
Total				75,000		75,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				75,000		75,000
Total				75,000		75,000

Capital Improvement Plan
City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project #	218130		
Project Name	Replace Thompson 6" Portable Pump		
Type	Replacement	Department	Wastewater
Useful Life	20 years	Contact	Wastewater Treatment Plant
Category	Wastewater	Priority	2 High



Description

The Thompson 6" portable pump discharge hose connects directly to the force main on the newer lift stations. This then allows the pump to be used for pumping down the lift station wet when the lift station loses power. The pump is also sometimes used in the plant to speed up the dewatering of various treatment process tanks.

Justification

We have a total of 10 lift stations. In the event of a major power outage, we would use the portable generator and this pump to pump down lift station wet wells to prevent sewer backups from occurring for areas serviced by the lift station(s).

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				25,000		25,000
Total				25,000		25,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				25,000		25,000
Total				25,000		25,000

Capital Improvement Plan
City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218131
Project Name Replace WAS Tanks Blowers(3)

Type Replacement Department Wastewater
Useful Life 15 years Contact Wastewater Treatment Plant
Category Wastewater Priority 2 High



Description

In order to keep the correct balance of food to microorganisms in the aeration tanks, at times, we need to remove some of the solids. This is accomplished by removing or wasting some of the solids. The solids are pumped to a large storage basin where they are eventually pumped to the digesters for treatment. WAS (waste activated sludge) tanks blowers are used to keep the solids that have pumped from the aeration basins in suspension so that they can easily be pumped to the digesters.

Justification

If the WAS Blowers fail, the solids removed from the aeration basins would settle in the bottom of the tanks making it difficult to pump solids to digesters.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				75,000		75,000
Total				75,000		75,000

Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				75,000		75,000
Total				75,000		75,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 218134
Project Name Replace 80 Kw Portable Generator

Type Replacement Department Wastewater
Useful Life 25 years Contact Wastewater Treatment Plant
Category Wastewater Priority 2 High



Description

The 80 Kw portable generator is used to provide power to the lift stations in the event of a power outage.

Justification

If the generator would fail and the City experienced a power outage, we would not be able to power the lift stations. End result could be sewer backups in areas serviced by lift station(s).

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				30,000		30,000
Total				30,000		30,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund				30,000		30,000
Total				30,000		30,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 228105
Project Name Replace UV Tank Blowers(2)

Type Replacement Department Wastewater
Useful Life 40 years Contact Wastewater Treatment Plant
Category Wastewater Priority 2 High



Description

The blowers located in the UV tanks are used to supply oxygen to the wastewater before it is discharge to Koshkonong Creek.

Justification

In the plants Discharge Permit, we have minimum dissolved oxygen levels that we must meet prior to discharging our treated wastewater (effluent) to Koshkonong Creek. Not meeting minimum levels results in a violation of our Wisconsin Pollutant Discharge Elimination System (WPDES) Permit.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment					60,000	60,000
Total					60,000	60,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund					60,000	60,000
Total					60,000	60,000

Capital Improvement Plan
City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project #	228106		
Project Name	Replace Filter Building Heat/Venting System		
Type	Replacement	Department	Wastewater
Useful Life	40 years	Contact	Wastewater Treatment Plant
Category	Wastewater	Priority	2 High



Description

The Heat/Venting (HV) System provides heat to the filter building as well as providing fresh air. This system helps to keep the building warm and reduces moisture buildup.

Justification

Need to keep building heated during the winter months to keep water pipes from freezing and equipment running. During summer, need to keep air circulating in building to help reduce moisture and potential corrosion of equipment.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment					30,000	30,000
Total					30,000	30,000
Funding Sources	2018	2019	2020	2021	2022	Total
Wastewater Fund					30,000	30,000
Total					30,000	30,000

STORMWATER PROJECTS

SUN PRAIRIE
Capital Improvement Plan
Stormwater Fund



Capital Item	2018 Projected	2019 Projected	2020 Projected	2021 Projected	2022 Projected
Stormwater Extensions					
Steven Street	\$ 83,000	\$ 146,000			
Vandenburg Street	107,000				
Daniel Street	85,000				
Colorado Avenue			65,000		
Wyoming Avenue				180,000	
Street Reconstruction (Annual Stormwater Improvement)					
2018 Stormwater Improvements	892,000				
2019 Stormwater Improvements		1,442,000			
2020 Stormwater Improvements			378,000		
2021 Stormwater Improvements				233,000	
2022 Stormwater Improvements					519,000
Pavement Rehabilitation (Annual Stormwater Repair/Adjustments)					
2018 Stormwater Repair/Adjustments	121,500				
2019 Stormwater Repair/Adjustments		8,000			
2020 Stormwater Repair/Adjustments			12,400		
2021 Stormwater Repair/Adjustments				16,250	
2022 Stormwater Repair/Adjustments					10,000
Total Annual Stormwater Improvements	1,288,500	1,596,000	455,400	429,250	529,000
Stormwater Facilities					
NW Koshkonong Facility	3,100,000				
S Koshkonong Facility		50,000	500,000		
TMDL Water Quality Requirements					
TMDL - Adaptive Management	18,000	18,000	18,000	18,000	18,000
TMDL Water Quality Projects		200,000	200,000	200,000	200,000
Maintenance Equipment					
Single Axle Chipper/Anti-Icing Truck (33% SWU)*		43,350			
Three Wheeled Street Sweeper		225,000			
Utility Box Truck w/ Mounted Crane		57,000			
Skid Steer Loader			53,000		
Lawn Sweeper (33% SWU)			11,700		
Network Cabling Replacement Project			500		
Debt Issuance Costs	83,800	42,100	23,900	12,300	14,900
Total Cost	\$ 4,490,300	\$ 2,231,450	\$ 1,262,500	\$ 659,550	\$ 761,900

*Single Axle Chipper has multiple funding sources. The detail sheet is in the section labeled "Fleet Replacement Projects".

Street Reconstruction and Pavement Rehabilitation Projects are detailed in the section labeled "Street Projects".

FINANCING SUMMARY:

Cash	\$ 34,500	\$ 26,000	\$ 42,100	\$ 34,250	\$ 14,000
Debt	4,455,800	2,205,450	1,220,400	625,300	747,900
Grant	-	-	-	-	-
Restricted Funds	-	-	-	-	-
TIF Funded	-	-	-	-	-
Contributed Capital	-	-	-	-	-
Prior Year Debt Available	-	-	-	-	-
Total	4,490,300	2,231,450	1,262,500	659,550	761,900

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 168530
Project Name NW Koshkonong Facility

Type New
Useful Life 50 years
Category Storm Sewer/Drainage

Department Stormwater
Contact City Engineer
Priority 2 High



Description

This project is for the anticipated cost of land acquisition in 2017 and 2018 and construction in 2018 for the NW Koshkonong stormwater facility. This facility is anticipated to be able to address stormwater quantity and quality needs for up to 110 acres.

Along with the Koshkonong facility, storm sewer upgrades will be needed under Thompson Road to convey water from W. Main Street to this facility. This item is included separately in the CIP (Project 186032).

Justification

The construction of this basin is to off-set an anticipated increase in discharge rates from the upper portion of the watershed following completion of an outlet structure improvement project at Batz Pond north of STH 19. The location of this basin offers the possibility to provide post-development stormwater management for approximately 110 acres of land to the west and south of the basin location which are currently untreated. This becomes more of a priority as the City is being required to meet Total Maximum Daily Load requirements for Total Suspended Solids and Total Phosphorous reductions.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	3,350,000					3,350,000
Total	3,350,000					3,350,000
 Funding Sources	 2018	 2019	 2020	 2021	 2022	 Total
Stormwater Fund	3,100,000					3,100,000
Wastewater Fund	250,000					250,000
Total	3,350,000					3,350,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 168531
Project Name TMDL - MMSD Adaptive Management

Type Improvement Department Stormwater
Useful Life Permanent Contact City Engineer
Category Storm Sewer/Drainage Priority 1 Mandatory



Description

The US Environmental Protection Agency (EPA) has approved a Total Maximum Daily Load (TMDL) for the Rock River Basin for phosphorus and total suspended solids (TSS) which includes the Yahara Watershed. Municipal Separate Storm Sewer Systems (MS4s), which Sun Prairie is, are required to meet surface water quality standards in the Yahara Watershed.

The Madison Metropolitan Sewerage District (MMSD) has created a watershed adaptive management (AM) program that is a new, innovative and collaborative compliance approach designed to meet regulatory requirements for phosphorus throughout a watershed in a cost-effective manner. The Yahara Watershed Improvement Network (Yahara WINS) is made up of thirty partners across Dane County.

Justification

Since its inception in 2012, the Yahara WINS effort has made remarkable progress gathering community support and putting phosphorus reducing practices in place that will help improve water quality within the Yahara watershed. Based on the success of the pilot project, MMSD is working to develop a full scale AM project in the Yahara watershed in a collaborative effort with current partners in the pilot project. MMSD believes that AM is a fiscally and environmentally responsible approach to meeting phosphorus reduction goals in the watershed. The area of the City of Sun Prairie that drains to the Yahara watershed has few options for meeting these requirements and the MMSD AM program will be the more cost effective option for meeting the goals for this portion of the City.

Expenditures	2018	2019	2020	2021	2022	Total
Design	18,000	18,000	18,000	18,000	18,000	90,000
Total	18,000	18,000	18,000	18,000	18,000	90,000

Funding Sources	2018	2019	2020	2021	2022	Total
Stormwater Fund	18,000	18,000	18,000	18,000	18,000	90,000
Total	18,000	18,000	18,000	18,000	18,000	90,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 198530
Project Name Three Wheeled Street Sweeper

Type Replacement Department Stormwater
Useful Life 10 years Contact Fleet Supervisor
Category Storm Sewer/Drainage Priority 2 High



Description

The replacement of one Three Wheeled Street Sweeper. This unit will replace a 2009 Elgin Pelican street sweeper (vehicle 812). This unit is used to sweep all city streets and the sweep/collect leaves in the fall. This is a broom type of sweeper and one of the two styles of sweepers the city operates. This unit is effective for removing heavy roadway material buildup such as mud and during the first sweeping in the spring.

Justification

This sweeper is used heavily during the months where the temperature is above freezing and may occasionally be used without water in colder temperatures. Sweeping is a very dusty and dirty environment that causes faster equipment wear and tear. Replacing this unit will assure the operators will be able to continue to meet the demands of sweeping and with newer technology they will be more efficient at their job.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		225,000				225,000
Total		225,000				225,000

Funding Sources	2018	2019	2020	2021	2022	Total
Stormwater Fund		225,000				225,000
Total		225,000				225,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 198531
Project Name TMDL - Water Quality Projects

Type Improvement Department Stormwater
Useful Life Permanent Contact City Engineer
Category Storm Sewer/Drainage Priority 3 Average



Description

The US Environmental Protection Agency (EPA) has approved a Total Maximum Daily Load (TMDL) for the Rock River Basin for phosphorus and total suspended solids (TSS) which includes the Yahara, Koshkonong and Mauneshia Watershed. The City of Sun Prairie has areas that drain to all three watersheds. Municipal Separate Storm Sewer Systems (MS4s), which Sun Prairie is, are required to meet surface water quality standards in these watersheds.

The Madison Metropolitan Sewerage District (MMSD) has created a watershed adaptive management (AM) program that addresses the City's needs for the Yahara watershed. The city will be responsible for achieving these stormwater goals in the Koshkonong and Mauneshia watersheds.

Justification

The TMDL standards set forth by the EPA mandate the City to reduce phosphorous and TSS in these watersheds. The Yahara watershed goals are being met through the Adaptive Management program. In the absence of an Adaptive Management program for the Mauneshia and Koshkonong watersheds, the city will have to design and construct stormwater facilities to achieve these water quality standards.

Expenditures	2018	2019	2020	2021	2022	Total
Construction		200,000	200,000	200,000	200,000	800,000
Total		200,000	200,000	200,000	200,000	800,000

Funding Sources	2018	2019	2020	2021	2022	Total
Stormwater Fund		200,000	200,000	200,000	200,000	800,000
Total		200,000	200,000	200,000	200,000	800,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 198532
Project Name Utility Box Truck with Mounted Crane

Type Replacement Department Stormwater
Useful Life 10 years Contact Fleet Supervisor
Category Storm Sewer/Drainage Priority 2 High



Description

Replace one utility box truck with mounted crane. This unit will replace a 2008 Ford Utility box truck (Vehicle 811) with mounted crane. This unit is used for day to day operations in the Stormwater utility department. The use of the crane is needed for lifting large heavy castings and parts associated with the maintenance of the storm water system.

Justification

This truck is used in the Storm Water Utility department and is designed for specialized tasks for the Stormwater Utility. Having this unit available is essential for day-to-day operations. Keeping the unit on the proper replacement schedule is crucial to making sure the proper equipment and technology are available for staff to efficiently maintain the Storm Water system.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		57,000				57,000
Total		57,000				57,000

Funding Sources	2018	2019	2020	2021	2022	Total
Stormwater Fund		57,000				57,000
Total		57,000				57,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 208530
Project Name S Koshkonong Facility

Type New
Useful Life 50 years
Category Storm Sewer/Drainage

Department Stormwater
Contact City Engineer
Priority 3 Average



Description

Design and construct a stormwater facility on city owned land. When completed, the facility will include components to address both stormwater quality and quantity issues. The project is expected to be designed in 2019 and constructed in 2020, tentatively. The existing site has environmental issues that could cause delays in the design and construction schedule.

Justification

This project becomes more of a priority as the City is being required to meet TMDL requirements for Total Suspended Solids and Total Phosphorous reductions.

Expenditures	2018	2019	2020	2021	2022	Total
Design		50,000				50,000
Construction			500,000			500,000
Total		50,000	500,000			550,000

Funding Sources	2018	2019	2020	2021	2022	Total
Stormwater Fund		50,000	500,000			550,000
Total		50,000	500,000			550,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 208531
Project Name Skid Steer Loader

Type Replacement Department Stormwater
Useful Life 10 years Contact Fleet Supervisor
Category Storm Sewer/Drainage Priority 2 High



Description

Replace one Skid Steer loader (vehicle 813). This unit will be replacing a 2010 John Deere Skid Steer. This unit is used for numerous jobs such as snow blowing, snow plowing, stump grinding, mowing, loading trucks, fork lift, auguring holes, planting trees, and several other duties.

Justification

This unit is one of the most versatile pieces of equipment for the many different operations the city does. It is used by the Storm Water, Public Works, and Parks departments and therefore is used daily. Following a standard replacement schedule will assure that all three departments will have a dependable unit for their day to day operations. New technology will help increase employee productivity.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment			53,000			53,000
Total			53,000			53,000

Funding Sources	2018	2019	2020	2021	2022	Total
Stormwater Fund			53,000			53,000
Total			53,000			53,000

WEST SIDE TRAFFIC IMPACT FEE PROJECTS

SUN PRAIRIE
Capital Improvement Plan
Westside Traffic Impact Fee Fund



Capital Item	Project Costs	2018 Projected TI Costs	2019 Projected TI Costs	2020 Projected TI Costs	2021 Projected TI Costs	2022 Projected TI Costs
Reiner Road Extension (65.72% TI)	\$1,065,968	\$700,554				
Grand-Hoepker Intersection Expansion (59.48% TI)	1,367,072	60,984	752,150			
Rattman Road Reconstruction (25.94% TI)	152,622	39,590				
South Thompson Road Reconstruction (41.06% TI)	2,047,000	840,435				
O'Keeffe-Reiner Signals (65.10% TI)*	236,000	153,636				
Rattman -Main Signals (45.77% TI)*	288,350		131,978			
Total Cost	\$ 5,157,012	\$ 1,795,199	\$ 884,128	\$ -	\$ -	\$ -

Beginning Balance	\$	2,102,795	\$	457,596	\$	(276,532)	\$	(126,532)	\$	23,468
Annual Revenue		150,000		150,000		150,000		150,000		150,000
Expenditures		1,795,199		884,128		-		-		-
Projected Balance	\$	457,596	\$	(276,532)	\$	(126,532)	\$	23,468	\$	173,468

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 176021
Project Name Reiner Road Extension

Type Improvement Department Planning
Useful Life 25 years Contact Planning Director
Category Street Reconstruction Priority 3 Average



Description

This project would extend the four-lane urban cross-section on Reiner Road south to the railroad tracks. The four party Burke Cooperative Plan establishes the railroad tracks as the southern limit of the City's permanent future boundaries. The design of this project will be completed in 2017 along with the design of the O'Keeffe/Reiner intersection expansion and signalization projects. It is anticipated that the roadway would be expanded in 2018.

Justification

This is the last remaining section of the City's responsibilities for improving and upgrading the Grand - Reiner - Sprecher Road corridor - planned to be the major north-south arterial street for the east side of Dane County. It is an impact fee project, and as such the City has been collecting fees to use toward this improvement, so it needs to be completed within a reasonable timeframe per this program. The potential development of a business park on lands to the west will also impact the timing of this roadway. Traffic along this corridor is increasing and staff is beginning to hear concerns from residents about difficulties with access and visibility in this area.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	1,065,968					1,065,968
Total	1,065,968					1,065,968
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	365,414					365,414
Traffic Impact Fee Fund	700,554					700,554
Total	1,065,968					1,065,968

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 176022
Project Name Grand-Hoepker Intersection Expansion

Type Improvement Department Planning
Useful Life 40 years Contact Planning Director
Category Street Construction Priority 3 Average



Description

This project would expand the capacity of the Grand-Hoepker intersection by adding additional turn lanes as necessary to better accommodate anticipated traffic volumes and turning movements at this intersection.

Justification

As additional development, particularly commercial retail development, continues on the City's Westside, the need for additional capacity at this intersection will increase. When the intersection was initially constructed, it was designed to accommodate anticipated traffic over the short run. Right of way exists to add turn lanes as needed when volumes and turning movements dictate that these improvements occur. This allowed some of these costs to be deferred, and will extend the useful life of the improvements by deferring construction until such time that the improvements are needed. It is anticipated that these improvements will be needed by 2018. In addition, the City has been collecting fees for this project as part of the Westside Traffic Impact Fee program and must use the funds within the timeframe of that program.

Expenditures	2018	2019	2020	2021	2022	Total
Design	102,530					102,530
Construction		1,264,542				1,264,542
Total	102,530	1,264,542				1,367,072

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	33,128	381,581				414,709
TIF Borrowing	8,418	130,811				139,229
Traffic Impact Fee Fund	60,984	752,150				813,134
Total	102,530	1,264,542				1,367,072

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186030
Project Name Rattman Road Reconstruction

Type Replacement Department Planning
Useful Life 25 years Contact Planning Director
Category Street Reconstruction Priority 4 Fairly Low



Description

This project involves the reconstruction of Rattman Road from Main Street south to Hoepker Road. The new roadway would be upgraded to an urban cross section with curb and gutter, storm sewer, and sidewalks or a bike path. Turn lanes would be studied at street intersections. This project includes design costs in 2018, which would likely be a contracted design project.

Justification

This project is identified in the Westside Impact Fee program and the City has been collecting fees for the project under this program. As development continues on the Westside and traffic volumes increase, it is anticipated that Rattman Road will need upgrades.

Expenditures	2018	2019	2020	2021	2022	Total
Design	152,622					152,622
Total	152,622					152,622
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	113,032					113,032
Traffic Impact Fee Fund	39,590					39,590
Total	152,622					152,622

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186032
Project Name S. Thompson Road Reconstruction

Type Replacement Department Planning
Useful Life 25 years Contact Planning Director
Category Street Construction Priority 2 High



Description

This project involves the reconstruction of S. Thompson Road from the roundabout at Main Street south to the bend in the roadway at Brooks Drive. This is a Westside Traffic Impact Fee project that will be needed to serve the adjacent development lands, as well as through traffic in this area. The roadway will be a three-lane urban-section roadway with a shared turning lane, curb and gutter and sidewalks or bike trails on both sides along most of its length, with the exception of the frontage along Highway 151, where pedestrian facilities may not be located along the south side. The construction of the roadway should be timed with the construction of the NW Koshkonong Stormwater Facility. It is important to note that no design budget was provided for this roadway in the 2017 budget. A budget amendment may be warranted to keep the roadway construction on pace with the stormwater facility.

Justification

With the opening of many new retail establishments in the Prairie Lakes vicinity, the existing town road in this location is beginning to experience a significant increase in traffic already, despite the fact that most lands adjacent to the roadway are undeveloped. It is a two-lane roadway with a rural section, and is beginning to show significant wear and tear. Although most of this roadway is located within the Town of Burke, the City has been maintaining the roadway for some time due to a maintenance agreement with the Town. It is likely that this maintenance burden will increase as the roadway ages and traffic continues to increase. The City has now purchased the Schneider Property occupying most of the frontage along this roadway, and it is important that the roadway be reconstructed along with or prior to the development of the site. As an impact fee project, the City has been collecting fees toward this project and needs to complete it within a reasonable timeframe.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	2,047,000					2,047,000
Total	2,047,000					2,047,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	437,045					437,045
Stormwater Fund	119,520					119,520
Sun Prairie Utilities	400,000					400,000
Traffic Impact Fee Fund	840,435					840,435
Wastewater Fund	250,000					250,000
Total	2,047,000					2,047,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 186033
Project Name Reiner - O'Keeffe Signal

Type New
Useful Life 20 years
Category Traffic Signal

Department Planning
Contact Planning Director
Priority 2 High



Description

Install traffic signals at the O'Keeffe/Reiner intersection. The current configuration of the intersection was designed to accommodate signals at some point when warranted by traffic. Although a recent warrant analysis indicated that signals are not yet needed, visibility issues and complaints from area residents have resulted in preliminary direction from the City Council to install the signals in 2018.

Justification

This is an impact fee project that the City is collecting fees to complete, and must be completed within a reasonable timeframe as part of the impact fee program. Staff have received an increasing number of contacts from citizens expressing concerns about traffic volumes, speeds, visibility and pedestrian/bike safety at this intersection. Given the continued development of the Smith's Crossing neighborhood, the increased traffic on Reiner due to commercial development to the north, and the opening of the bike trail under USH 151 recently, this intersection is likely to see further increases in traffic leading to heightened concerns.

Expenditures	2018	2019	2020	2021	2022	Total
Construction	236,000					236,000
Total	236,000					236,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	82,364					82,364
Traffic Impact Fee Fund	153,636					153,636
Total	236,000					236,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 196031
Project Name Rattman-Main Traffic Signals

Type New
Useful Life 20 years
Category Traffic Signal

Department Planning
Contact Planning Director
Priority 3 Average



Description

Install traffic signals at the intersection of Rattman Road and W. Main Street, located at the western terminus of Main Street in the City. This intersection should be studied periodically to determine when signals are warranted.

Justification

This is an impact fee project that the City is collecting fees to complete, and must be completed within a reasonable timeframe as part of the impact fee program. It is anticipated that signals may be warranted here by 2019, and installation may correspond with the reconstruction of Rattman Road (also an impact fee project).

Expenditures	2018	2019	2020	2021	2022	Total
Construction		288,350				288,350
Total		288,350				288,350

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		156,372				156,372
Traffic Impact Fee Fund		131,978				131,978
Total		288,350				288,350

SUN PRAIRIE UTILITY PROJECTS

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 185001
Project Name Automatic Meter Reading System

Type New
Useful Life 30 years
Category SPU: Electric

Department Sun Prairie Utilities
Contact Utilities Superintendent
Priority 3 Average



Description

Two-way communication metering and associated data collection system, reporting software, and billing CIS integration. Upon completion, we will be able to utilize WPPI Energy's Meter Data Management System for valuable reporting features and best utilization of collected data.

We plan to spend \$500,000/year over a 4-year period on this project (2017-2020). Our approved 2017 budget included \$500,000 for this project; the 2016A G.O. Bond issue included \$500,000 for this project.

A Construction Authorization and Non-Standard Meter Tariff (Opt-Out Tariff) have been filed with the Public Service Commission of Wisconsin and are awaiting approval. The Non-Standard Meter Tariff would allow a customer to have a non-standard meter and be charged a monthly fee for manual processing.

Justification

An AMI system will provide increased distribution system monitoring, customer self-monitoring and usage control, improved customer service, and more accurate meter readings for billing (ability to read all meters on the first of the month to best align with WPPI Energy wholesale metering reads). Essentially, we will most accurately bill customers for the usage and consumption SPU is being billed by WPPI. With the likelihood of future time-of-use rates, customers will have more of an ability to monitor and control personal consumption for peak saving measures and cost savings.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment	500,000	500,000	500,000			1,500,000
Total	500,000	500,000	500,000			1,500,000

Funding Sources	2018	2019	2020	2021	2022	Total
Sun Prairie Utilities	500,000	500,000	500,000			1,500,000
Total	500,000	500,000	500,000			1,500,000

FLEET REPLACEMENT PROJECTS

SUN PRAIRIE

Public Works

Fleet Replacement Plan



Unit	Year	Make/Model	Description	Life Cycle	Mileage	2018	2019	2020	2021	2022
Public Works										
123	2004	IH 2400	Single Axle Chipper	15 Years	38,669		\$130,000			
124	2007	FREIGHTLINER	Patrol Truck	15 Years	29,974					241,000
139	2004	JD 410G	Backhoe	15 Years	2,196 Hours		125,000			
146	2003	JD772CH	Motor Grader	18 Years	1,341 Hours				290,000	
150	2009	JD 544K	Endloader	12 Years	2,217 Hours				220,000	
179	2010	FORD	Pickup	10 Years	55,095		43,000			
180	2010	FORD	Flatbed Dump	10 Years	51,270		52,000			
181	2011	CHEVY	Flatbed Dump	10 Years	44,019				53,000	
182	2012	FORD	Pick Up w/ Plow	10 Years	33,826					50,000
New	2018		Pick Up	10 Years		26,000				
New	2018		Pick Up w/ Plow	10 Years		42,000				
New	2018		Flatbed Dump Body w/ Plow	10 Years		50,000				
New	2018	Bobcat	5600 ToolCat Utility	8 Years		58,700				
200	2003	LOADMASTER	Trailer	15 Years	N/A	14,000				
New	2019		Electric Vehicle	10 Years			29,000			
229	2005	STEPP SPH 2.5	Hot Box Trailer	15 Years	N/A			33,000		
255	2004	H&S	Spreader	15 Years	N/A		9,000			
256	2003	FELLING	Trailer	15 Years	N/A	10,000				
258	2004	BOMAG	Roller	15 Years	369 Hours		35,000			
275	2005	BOMAG TACK	Tack Machine	15 Years	N/A				20,000	
277	2010	MORBARK	Chipper	7 Years	998 Hours		56,000			
279	2014	MORBARK	Chipper	7 Years	527 Hours				63,000	
280	2013	DURAPATCHER	Spray patcher	8 Years	N/A				97,000	
New	2022		End Loader/Plow/Wing	15 Years						230,000
Total Public Works						\$ 200,700	\$ 479,000	\$ 33,000	\$ 743,000	\$ 521,000

Building Inspection										
314	2007	FORD	Focus	10 Years	40,932	20,000				
316	2008	FORD	Ranger Pickup	10 Years	50158	26,000				
317	2009	FORD	Focus	10 Years	30,366		22,000			
319	2009	CHEVY	Silverado	10 Years	44252		27,000			
Total Building Inspection						\$ 46,000	\$ 49,000	\$ -	\$ -	\$ -

Administration										
315	2008	FORD	Focus	10 Years	42,129	22,000				
318	2009	FORD	Focus	10 Years	46,719		24,000			
320	2010	DODGE	MiniVan	10 Years	31107			30,000		
Total Admin						\$ 22,000	\$ 24,000	\$ 30,000	\$ -	\$ -

Parks										
562	1998	PRO SEED	Top Dresser	20 Years	N/A	22,000				
566	2005	SMITHCO	Lawn Sweeper	15 Years	293 Hours			35,000		
567	2007	FORD	Ranger Pickup	10 Years	55048	26,000				
585	2011	JOHN DEERE	Wam Mower	7 Years	2,194 Hours	60,000				
586	2008	BOBCAT	Stump Grinder	9 Years	N/A		25,000			
587	2012	JOHN DEERE	Wam Mower	7 Years	1,812 Hours		62,000			
588	2013	JOHN DEERE	Wam Mower	7 Years	1,375 Hours			63,000		
592	2015	JOHN DEERE	Wam Mower	7 Years	805 Hours					70,000
Total Parks						\$ 108,000	\$ 87,000	\$ 98,000	\$ -	\$ 70,000

Public Works SubTotal						\$ 376,700	\$ 639,000	\$ 161,000	\$ 743,000	\$ 591,000
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EMS										
879	2012	FORD	Ambulance	6 Years	87,839	220,000				
880	2014	FORD	Ambulance	6 Years	53,370			243,000		
881	2016	FORD	Ambulance	6 Years	8,903					300,000
Total EMS						\$ 220,000	\$ -	\$ 243,000	\$ -	\$ 300,000

SUN PRAIRIE
Public Works
Fleet Replacement Plan



Unit	Year	Make/Model	Description	Life Cycle	Mileage	2018	2019	2020	2021	2022
Fire Department										
New	2019	Rapid Attack Truck		10 Years			400,000			
New	2020	SUV		10 Years				50,000		
New	2020	Pick-Up with Plow		10 Years				50,000		
Total Fire Department						\$ -	\$ -	\$ 100,000	\$ -	\$ -

Police Department										
3	2015	FORD	SUV Squad Car	5 Years	59,698		44,000			
4	2017	FORD	SUV Squad Car	5 Years	74,887					52,000
5	2013	FORD	SUV Squad Car	5 Years	87,717	43,000				
6	2013	FORD	SUV Squad Car	5 Years	104,109	43,000				
7	2017	FORD	SUV Squad Car	5 Years	53,753					52,000
8	2014	FORD	SUV Squad Car	5 Years	44,442		44,000			
9	2016	FORD	SUV Squad Car K-9 Unit	5 Years	10,200				48,000	
10	2014	FORD	SUV Squad Car	5 Years	70,582		44,000			
11	2015	FORD	SUV Squad Car	5 Years	24,852			46,000		
12	2015	FORD	SUV Squad Car	5 Years	41,257			46,000		
13	2013	FORD	SUV Squad Car	5 Years	69,272	43,000				
14	2011	FORD	SUV Squad Car	5 Years	42,073			46,000		
15	2016	FORD	SUV Squad Car	5 Years	10,616				47,000	
17	2017	FORD	SUV Squad Car	5 Years	34,251					52,000
30	2009	CHEVY	Chiefs Car	10 Years	94,896		35,000			
31	2009	FORD F-150	CSO Pickup	10 Years	70,244		42,000			
Total Police Department						\$ 129,000	\$ 209,000	\$ 138,000	\$ 95,000	\$ 156,000

TOTAL FLEET INSERVICE FUND						\$ 725,700	\$ 848,000	\$ 642,000	\$ 838,000	\$ 1,047,000
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~ Items highlighted are included in the Capital Improvement Plan and will be borrowed for.

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 187201
Project Name Pickup Truck

Type Replacement
Useful Life 10 years
Category Vehicles

Department Public Works : Fleet
Contact Fleet Supervisor
Priority 2 High



Description

The replacement of one pickup truck used in Building Inspection. This unit will replace a 2008 Ford Ranger (vehicle 316). This truck is used for day to day operations of building inspection and code enforcement.

Justification

This truck is used to transport personnel to inspections and appointments throughout the city. Keeping with the scheduled replacement of the vehicle will assure that personnel are operating in a safe and efficient manner.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment	26,000					26,000
Total	26,000					26,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	26,000					26,000
Total	26,000					26,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 187308
Project Name Pick - Up

Type Replace/Upgrade
Useful Life 10 years
Category Vehicles

Department Public Works : Fleet
Contact Public Works Director
Priority 2 High



Description

This pick-up will be one of four vehicles replacing the municipal tractor that was for blowing of snow on bike paths. The pick-up will be used for transportation to and from daily work sites and hauling tools and equipment for various jobs and divisions year round.

Justification

The purchase of the four vehicles for less than the price of the one municipal tractor, allows us to expand our fleet and have more usable pieces of equipment year round, instead of having one piece used only in the winter. The four pieces in combination will be able to do everything the municipal tractor could do and much more.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment	26,000					26,000
Total	26,000					26,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	26,000					26,000
Total	26,000					26,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 187309
Project Name Pick-up with plow

Type Replace/Upgrade
Useful Life 10 years
Category Vehicles

Department Public Works : Fleet
Contact Public Works Director
Priority 3 Average



Description

This pick-up with plow will be one of four vehicles replacing the municipal tractor that was used only for blowing of snow on bike paths. The pick-up will be used for transportation to and from daily work sites and hauling tools and equipment for various jobs and divisions. It will also be used for clearing snow in courts, parking lots and bike paths.

Justification

The purchase of the four vehicles for less than the price of the one municipal tractor, allows us to expand our fleet and have more usable pieces of equipment year round, instead of having one piece used only in the winter. The four pieces in combination will be able to do everything the municipal tractor could do and much more.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment	42,000					42,000
Total	42,000					42,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	42,000					42,000
Total	42,000					42,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 187310
Project Name Flatbed Dump Body with Plow

Type Replace/Upgrade
Useful Life 10 years
Category Vehicles

Department Public Works : Fleet
Contact Public Works Director
Priority 3 Average



Description

This Flatbed dump body pick-up with a plow will be one of four vehicles replacing the municipal tractor that was used only for blowing of snow on bike paths. The pick up will be used for transportation to and from daily work sites and hauling tools and equipment for various jobs and divisions. It will also be used for clearing snow in courts, parking lots and bike paths.

Justification

The purchase of the four vehicles for less than the price of the one municipal tractor, allows us to expand our fleet and have more usable pieces of equipment year round, instead of having one piece used only in the winter. The four pieces in combination will be able to do everything the municipal tractor could do and much more.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment	50,000					50,000
Total	50,000					50,000

Funding Sources	2018	2019	2020	2021	2022	Total
Fleet Inservice Fund	50,000					50,000
Total	50,000					50,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 187411
Project Name Pickup Truck

Type Replacement
Useful Life 10 years
Category Vehicles

Department Public Works : Fleet
Contact Fleet Supervisor
Priority 3 Average



Description

The replacement of one pickup used by the Parks Department. This unit will replace a 2007 Ford Ranger pickup (vehicle 567). This unit is used daily for the transportation to and from work sites and hauling of tools and equipment for various jobs.

Justification

This truck is used daily by crew leaders and supervisors. These pickups are used for transporting tools, equipment, and performing job site inspections all over the city. Keeping the vehicle up to date and replacing it will maintain efficiency and help reduce the rising cost of maintenance as the vehicle ages. Newer vehicles are more fuel efficient and require less maintenance.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment	26,000					26,000
Total	26,000					26,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing	26,000					26,000
Total	26,000					26,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 197114
Project Name Administrative Vehicle - PW

Type New
Useful Life 10 years
Category Vehicles

Department Public Works : Fleet
Contact Public Works Director
Priority 2 High



Description

Purchase of an additional administrative vehicle that would be housed and used by the Public Works Department. The vehicle would be an electric vehicle to be used inside of city limits.

Justification

Currently, the Public Works Supervisors, administrative assistant and Director are having to drive their personal vehicles on a regular basis to run to City hall, meet with residents, visit job sites and to meet with vendors.

Purchasing an electric vehicle would keep down the operational cost increase and would work along with the City's sustainability program.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		29,000				29,000
Total		29,000				29,000

Funding Sources	2018	2019	2020	2021	2022	Total
Fleet Inservice Fund		29,000				29,000
Total		29,000				29,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 197213
Project Name Pick Up Truck

Type Replacement
Useful Life 10 years
Category Vehicles

Department Public Works : Fleet
Contact Fleet Supervisor
Priority 2 High



Description

The replacement of one pick-up truck used in Building Inspection. This unit will replace a 2009 Chevy Silverado (vehicle 319).

This truck is used for day-to-day operations of Building Inspection and Code enforcement.

Justification

This truck is used to transport personnel to inspections and appointments throughout the city. Keeping with the scheduled replacement of the vehicle will assure that personnel are operating in a safe and efficient manner.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		27,000				27,000
Total		27,000				27,000

Funding Sources	2018	2019	2020	2021	2022	Total
Fleet Inservice Fund		27,000				27,000
Total		27,000				27,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 197302
Project Name Single Axle Chipper/Anti-Icing Truck

Type Replacement Department Public Works : Fleet
Useful Life 15 years Contact Fleet Supervisor
Category Vehicles Priority 2 High



Description

The replacement of one Chipper truck equipped with a dump box, and mounted chipper box. This unit will replace a 2004 International 2400 single axle truck (vehicle 123). The truck is used in the collection of curb side brush that is chipped and blown into the box of the truck. This truck also is used in the application of Anti-Icing materials (Beet Juice) on city streets prior to a snow or ice event. It is also used for hauling materials such as dirt, gravel, yard waste, and brush.

Justification

This truck is used for the application of anti-icing materials which is a very corrosive product. This truck is also used for brush chipping which has the extra duty of pulling a large chipper and having a heavy load of chipped brush. The maintenance and operating cost of this vehicle climbs significantly around the 12-15 year mark. When the maintenance cost and down time start to impact the value and usefulness of the vehicle it is time to replace it. Since the anti-icing program and brush chipping are a very important part of the Public Works department, having a truck go down or not available for use during an anti-icing operation or scheduled curb side brush collection can have a large impact on the services provided to residents.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		130,000				130,000
Total		130,000				130,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		86,650				86,650
Stormwater Fund		43,350				43,350
Total		130,000				130,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 197303
Project Name Tractor Backhoe

Type Replacement
Useful Life 15 years
Category Vehicles

Department Public Works : Fleet
Contact Fleet Supervisor
Priority 2 High



Description

The replacement of one tractor backhoe. This unit will be replacing a 2004 John Deere 410G tractor backhoe (vehicle 139). This piece of equipment is used for numerous tasks associated with digging, loading, and hauling of dirt, salt, woodchips, and other types of materials. It is versatile in that it can be used as a loader and as a digging tool for trenching. Attachments allow it to bore holes as well as several other duties.

Justification

This piece of equipment is used for a variety of jobs and is shared between several departments so wear and tear from normal use will begin to cause repair and maintenance problems around the 12-15 year mark. Also with this type of equipment, the technology and efficiency of newer equipment will help make the operator more productive and efficient in their jobs.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		125,000				125,000
Total		125,000				125,000

Funding Sources	2018	2019	2020	2021	2022	Total
Fleet Inservice Fund		125,000				125,000
Total		125,000				125,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 197304
Project Name Service Body Truck

Type Replace/Upgrade
Useful Life 10 years
Category Vehicles

Department Public Works : Fleet
Contact Fleet Supervisor
Priority 2 High



Description

The replacement of one 4-wheel drive pickup equipped with a plow used by the Fleet Division. This will replace a 2010 Ford F-350 pickup (vehicle 179). It is anticipated the replacement vehicle will be a service body truck without a plow. This vehicle is used for service calls, parts pick up, and day to day operations in the Fleet Division.

It is not expected the service body truck will require a plow. However, if a proposal for three trucks and a toolcat to replace a municipal tractor (see 187308, 187309, and 187310) are excluded from the final CIP plan, a plow will be needed for this vehicle at an additional cost.

Justification

This truck is used for service calls, parts pick up, and day to day operations in the Fleet Division. While the current vehicle is a pickup, due to the changing needs of city departments the replacement vehicle will be a service body type truck giving the ability to better perform the Fleet duties in the maintenance and repair of city vehicles and equipment.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		43,000				43,000
Total		43,000				43,000

Funding Sources	2018	2019	2020	2021	2022	Total
Fleet Inservice Fund		43,000				43,000
Total		43,000				43,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 197305
Project Name One Ton Dump Body with Snow Plow

Type Replacement
Useful Life 10 years
Category Vehicles

Department Public Works : Fleet
Contact Fleet Supervisor
Priority 2 High



Description

The replacement of a one ton truck with a dump body and snow plow attachment. This unit will replace a 2010 Ford F-350 with a dump box and plow (vehicle 180). This truck is used for hauling of materials such as dirt, gravel, yard waste, and brush. It is used for snow removal and in the towing of trailers and other pieces of trailer mounted equipment.

Justification

This truck is used for hauling materials such as dirt, gravel, yard waste, and brush, along with having a snow plow route. It is also used in the towing of trailers and other pieces of trailer mounted equipment. These types of conditions and duties add to the wear and tear put upon the vehicle as it is starting and stopping and short trips that accelerate the need to replace the truck.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		52,000				52,000
Total		52,000				52,000

Funding Sources	2018	2019	2020	2021	2022	Total
Fleet Inservice Fund		52,000				52,000
Total		52,000				52,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 197306

Project Name Roller

Type Replacement

Useful Life 10 years

Category Vehicles

Department Public Works : Fleet

Contact Fleet Supervisor

Priority 2 High



Description

The replacement of one roller used for rolling and compacting asphalt, and gravel. This unit will replace a 2004 Bomag roller (vehicle 258). This unit is used by Public Works, Parks, and Storm Water for various compaction jobs.

Justification

This roller is used by several departments and is a necessity for asphalt repair and preparation. Replacement will assure that the unit is providing the performance needed to meet the demands.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		35,000				35,000
Total		35,000				35,000

Funding Sources	2018	2019	2020	2021	2022	Total
Fleet Inservice Fund		35,000				35,000
Total		35,000				35,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 197613
Project Name Rapid Attack Truck

Type Replace/Upgrade
Useful Life 10 years
Category Vehicles

Department Fire Department
Contact Fire Chief
Priority 3 Average



Description

This proposed modification would enhance the Fire Department's approach to incident response, operations, and safety. It will decrease the city's carbon footprint. This is one of three vehicles planned to replace the Heavy Rescue Vehicle.

Justification

•We requests the purchase of a Rapid Attack Truck (RAT). This vehicle has a smaller chassis, it is more maneuverable in today's traffic, it allows for an expedited response, and is more economical in initial purchase cost, fuel, and maintenance. The smaller chassis is also much safer to operate than the current heavy rescue truck.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment		400,000				400,000
Total		400,000				400,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing		400,000				400,000
Total		400,000				400,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 207101

Project Name MiniVan

Type Replacement

Useful Life 10 years

Category Vehicles

Department Public Works : Fleet

Contact Fleet Supervisor

Priority 2 High



Description

The replacement of one van. This unit will replace a 2010 Dodge van (vehicle 320) that is available for use by all city personnel. It is one of several that can be reserved and used for transportation for city business.

Justification

This car is used by all city personnel so making sure it is kept up to date is important to the overall functions of the city.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment			30,000			30,000
Total			30,000			30,000

Funding Sources	2018	2019	2020	2021	2022	Total
Fleet Inservice Fund			30,000			30,000
Total			30,000			30,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 207302
Project Name Hot Box Trailer

Type Replacement
Useful Life 15 years
Category Vehicles

Department Public Works : Fleet
Contact Fleet Supervisor
Priority 2 High



Description

The replacement of one Hot Box trailer used for the heating and dispensing of Asphalt. This unit will replace a 2005 Stepp hot box (vehicle 229). Pothole patching and street cut out repair are two important jobs that require the proper tools and equipment to complete.

Justification

The make-up of hot asphalt requires that the mixture be kept hot in the range of 250-300 degrees for proper application and use. Since it is a requirement to keep the product hot continuous contact with a heating flame over time erodes the box and creates voids. The heavy weight of the material also adds to the wear and tear on axles and wheels. Replacing the unit will ensure continued ability to perform required street maintenance tasks.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment			33,000			33,000
Total			33,000			33,000
Funding Sources	2018	2019	2020	2021	2022	Total
Fleet Inservice Fund			33,000			33,000
Total			33,000			33,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 207403
Project Name Lawn Sweeper

Type Replacement
Useful Life 15 years
Category Vehicles

Department Public Works : Fleet
Contact Fleet Supervisor
Priority 2 High



Description

The replacement of one self-propelled lawn sweeper. This unit will replace a 2005 Smithco lawn sweeper (vehicle 566). This unit is used for to sweep and collect lawn debris such as excessive grass clippings, leaves, and other small debris on turf areas.

Justification

This unit performs its task by sweeping and collecting debris on turf areas when needed. This is done by a rotating drum and fingers. Due to the high wear and tear maintenance costs become a major factor in the timely replacement of this unit.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment			35,000			35,000
Total			35,000			35,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			23,300			23,300
Stormwater Fund			11,700			11,700
Total			35,000			35,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 207609
Project Name Pick-Up with Plow

Type Replace/Upgrade
Useful Life 10 years
Category Vehicles

Department Fire Department
Contact Fire Chief
Priority 3 Average



Description

This is one of three vehicles requested to replace the current Heavy Rescue Truck. Purchase one pick-up truck with a plow. This vehicle would have multiple functions; EMR response, assisting with winter response for fire & EMS, fire prevention inspections, and structure fire response.

Justification

This vehicle will be used for EMR response, assisting with winter response, company fire prevention inspections, and structure fire response. It is safer than the previous larger vehicle and more maneuverable.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment			50,000			50,000
Total			50,000			50,000

Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			50,000			50,000
Total			50,000			50,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 207610
Project Name Fire SUV

Type Replace/Upgrade
Useful Life 10 years
Category Vehicles

Department Fire Department
Contact Fire Chief
Priority 3 Average



Description

This is one of three vehicles requested to replace the Fire Department's Heavy Rescue Truck. The Department would purchase a SUV.

Justification

This vehicle is pivotal to Fire Department Operations and the safety of all commercial buildings in Sun Prairie. All Sun Prairie businesses are inspected twice a year in accordance with Wisconsin State Statutes and comm 14. These fire inspections cover a broad range of issues in each building.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment			50,000			50,000
Total			50,000			50,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing			50,000			50,000
Total			50,000			50,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 217301
Project Name Motor Grader

Type Replacement
Useful Life 18 years
Category Vehicles

Department Public Works : Fleet
Contact Fleet Supervisor
Priority 2 High



Description

Replace a motor grader including snow plow and wing plow attachments. This unit will be replacing a 2003 John Deere 772CH motor grader (vehicle 146). This piece of equipment is used for snow removal operations as a plowing unit with an assigned plowing route. It is also used in roadside shoulder maintenance, ditch line maintenance, and other earth work around the city.

Justification

This piece of equipment is vital to the snow removal operation and can do things no other piece of snow removal equipment can, such as pushing back banks to increase snow storage at curbside, and removing hard pack from streets. Operating this motor grader as a piece of plowing equipment adds to the wear and tear normally not associated to a motor grader. Updating with new equipment will aid in the operator being more efficient and productive.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				290,000		290,000
Total				290,000		290,000

Funding Sources	2018	2019	2020	2021	2022	Total
Fleet Inservice Fund				290,000		290,000
Total				290,000		290,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 217302
Project Name Wheeled End Loader

Type Replacement
Useful Life 12 years
Category Vehicles

Department Public Works : Fleet
Contact Fleet Supervisor
Priority 2 High



Description

The replacement of a wheeled loader with a bucket, snow plow and wing plow attachments. This unit will be replacing a 2009 John Deere 544K wheeled loader (vehicle 150). This piece of equipment is used to load trucks with salt, dirt, rock, and other like type materials. It is used in the winter operations as a plowing unit with an assigned plowing route. It is also used in the collection of large diameter brush at curb side and maintenance of yard waste at the Recycle center.

Justification

This piece of equipment is used for several different job functions and shared between three departments it needs to stay in good shape and up to date with the proper attachments. Operating this loader as a piece of plowing equipment adds to the wear and tear normally not associated to a loader. Updating with new equipment will aid in the operator being more efficient and productive.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				220,000		220,000
Total				220,000		220,000

Funding Sources	2018	2019	2020	2021	2022	Total
Fleet Inservice Fund				220,000		220,000
Total				220,000		220,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 217303
Project Name Flatbed Dump Truck

Type Replace/Upgrade
Useful Life 10 years
Category Vehicles

Department Public Works : Fleet
Contact Fleet Supervisor
Priority 2 High



Description

The replacement of a one-ton truck with a dump body and snow plow. This unit will replace a 2011 Chevy 3500 with a dump box (vehicle 181). This truck is used for hauling materials such as dirt, gravel, yard waste, and brush. It is also used in the towing of trailers and other pieces of trailer mounted equipment.

Justification

This truck is used for hauling of materials such as dirt, gravel, yard waste, and brush. It is also is used in the towing of trailers and other pieces of trailer mounted equipment. Operating in these types of conditions and duties adds to the wear and tear put upon the vehicle as it is starting and stopping often and short trips that accelerate the need to replace the truck.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment				53,000		53,000
Total				53,000		53,000

Funding Sources	2018	2019	2020	2021	2022	Total
Fleet Inservice Fund				53,000		53,000
Total				53,000		53,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 227301
Project Name Wheeled End Loader with plow and wing

Type New
Useful Life 15 years
Category Vehicles

Department Public Works : Fleet
Contact Fleet Supervisor
Priority 5 Future Consideration



Description

Purchase of an additional Wheeled End Loader with a snow plow, wing and grapple bucket.

Justification

The purchase of a wheeled end loader with a snow plow and wing is needed to accommodate the addition of over 30 lane miles of streets in the last five years. The addition of the end loader will allow Public Works to add an additional route to plowing operation and reduce the amount of the time completion of the plowing is being increased by the amount of roads being added.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment					230,000	230,000
Total					230,000	230,000
Funding Sources	2018	2019	2020	2021	2022	Total
Fleet Inservice Fund					230,000	230,000
Total					230,000	230,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 227302
Project Name Patrol Truck

Type Replacement
Useful Life 15 years
Category Vehicles

Department Public Works : Fleet
Contact Fleet Supervisor
Priority 3 Average



Description

Replace a single axle patrol truck (vehicle 124) equipped with a dump box, rear mounted material spreader, front mount snow plow, and wing. This unit will replace a 2001 Freightliner FL 80 single axle patrol truck. The truck is used for city street snow removal and application of de-icing materials. It is also used for hauling materials such as dirt, gravel, yard waste, and brush.

Justification

This truck is used for snow plowing and the application of de-icing materials which is a very corrosive product on metal, along with the extra wear and tear that plowing snow imposes on a vehicle. The maintenance and operating cost climb significantly around the 12-15 year mark. When the maintenance cost and down time start to impact the value and usefulness of the vehicle it is time to replace it. Since winter operations are a very important part of the Public Works department, if a truck is being repaired or is not available for use during a plowing or de-icing operation, it can have a large impact on getting the streets cleared and safe for motorists.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment					241,000	241,000
Total					241,000	241,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					241,000	241,000
Total					241,000	241,000

Capital Improvement Plan

City of Sun Prairie, Wisconsin

2018 *thru* 2022

Project # 227303
Project Name Pick Up with Plow

Type Replacement
Useful Life 10 years
Category Vehicles

Department Public Works : Fleet
Contact Fleet Supervisor
Priority 3 Average



Description

This pick-up with plow will be replacing Vehicle 182, currently used by the Public Works Department and Parks. The pick-up will be used to transport workers to and from daily work sites, hauling tools, and transporting equipment for various jobs and divisions. It will also be used for clearing snow in courts, parking lots and bike paths.

Justification

This truck is used daily by crew leaders, crew, and supervisors. These pickups are used for transporting tools, equipment, and performing public works tasks all over the city. It is also used to remove snow from streets, bike paths, and parking lots. Keeping the vehicle up to date and replacing it will maintain efficiency and help reduce the rising cost of maintenance as the vehicle ages. Newer vehicles are more fuel efficient and require less maintenance.

Expenditures	2018	2019	2020	2021	2022	Total
Equipment					50,000	50,000
Total					50,000	50,000
Funding Sources	2018	2019	2020	2021	2022	Total
GO Borrowing					50,000	50,000
Total					50,000	50,000

APPENDIX

APPENDIX A – GLOSSARY

Basin: A large bowl-shaped depression in the surface of land to hold water as a result of rainstorms and snowmelts.

Bituminous Asphalt Pavement: The majority of the City's streets are constructed of bituminous asphalt pavement. The one notable exception would be Main Street. Bituminous asphalt pavement is a hot mix blend of stone and other forms of aggregate materials joined together by a petroleum-based binding agent. Bituminous asphalt pavement has a life expectancy of approximately 25-years; can be designed to be strong enough to handle most kinds of traffic; and is relatively easy to repair or refinish.

Conveyance System: A means of transporting storm water. A system may include a combination of storm sewer pipe, swales, roads and concrete channels.

MMSD: Madison Metropolitan Sewerage District

Pavement Rehabilitation: This form of street reconstruction typically takes place on streets that are approximately 25-30 years old. The construction is generally limited to disturbance from curb to curb; although work beyond the curb and gutter may be included. Broken or settled sections of curb are spot repaired. The existing bituminous asphalt pavement is pulverized to its full depth and reshaped before being tested for soft areas in the base. New bituminous asphalt pavement is then placed on the street.

Swales: A shallow trough-like depression that carries water mainly during rainstorms and snowmelts.

TMDL: Total Maximum Daily Load

Total Reconstruction: This form of street reconstruction typically involves construction that extends from right-of-way line to right-of-way line and onto private property in many cases. This construction includes the removal and replacement of curb and gutter; the removal and replacement of the roadway base and pavement, along with new 5-foot wide concrete sidewalk. New storm water collection and conveyance improvements are generally included in the Total Reconstruction of streets. Depending on the condition of the sanitary sewer and water main, the project may include upgrades to these publicly owned and maintained underground improvements.

TSS: Total Suspended Solids

WWTP: Waste Water Treatment Plant.

APPENDIX B – PRIORITY KEY

- **Mandatory (1):** Project is mandated by Federal or State law, regulation, court order, municipal agreement, or contract or is an immediate health and safety issue that must be addressed.
- **High Priority (2):** Project is a likely health and safety issue or may significantly affect operations or services that the City must address, at a minimum, within the next two to three years. A City plan, policy, or code must also identify the project as a requirement.
- **Average Priority (3):** Project is highly desired, but is likely not a health or safety issue. The City should address this project at least within the next five years. A City plan, policy, or code may identify the project as a priority.
- **Fairy Low Priority (4):** Project is more desirable than necessary and could be deferred several years before becoming an average or high priority. A City plan, policy, or code does not identify the project.
- **Future Consideration:** Project is clearly a long-term request, which is not necessary within the six-year planning period. Project is included for illustrative purposes only.

APPENDIX C – DEBT SCHEDULES



**CITY OF SUN PRAIRIE
2018 DEBT SERVICE REQUIREMENTS**

Description	Principal Balance 12/31/2017	2018 Principal Payments	2018 Escrow Interest	2018 Interest	2018 Total Principal & Interest	Principal Balance 12/31/2018
City						
2009 GO Bonds	\$ 475,000	\$ 475,000	\$ 78,700	\$ 9,352	\$ 484,352	\$ -
2009 State Trust Fund Loan	156,097	76,331	-	7,024	83,355	79,766
2009 WPPI Loan	19,822	9,911	-	-	9,911	9,911
2010 GO Notes	2,335,000	760,000	-	46,573	806,573	1,575,000
2012A GO Notes	4,430,000	1,200,000	-	62,040	1,262,040	3,230,000
2013 A GO Bonds	3,115,000	1,545,000	-	42,988	1,587,988	1,570,000
2013 B GO Refunding Bonds	325,000	325,000	-	3,250	328,250	-
2014B GO Notes	3,200,000	425,000	-	76,525	501,525	2,775,000
2015A GO Notes	2,140,000	250,000	-	48,862	298,862	1,890,000
2016B GO Notes	7,555,000	375,000	-	204,725	579,725	7,180,000
2017A GO Notes	3,940,000	430,000	-	118,262	548,262	3,510,000
2017 State Trust Fund Loan (Est.)	1,021,556	87,497	-	35,926	123,423	934,059
CITY TOTALS	\$ 28,712,475	\$ 5,958,739	\$ 78,700	\$ 655,526	\$ 6,614,265	\$ 22,753,736

Description	Principal Balance 12/31/2017	2018 Principal Payments	2018 Escrow Interest	2018 Interest	2018 Total Principal & Interest	Principal Balance 12/31/2018
Tax Increment Finance Dist 6						
Interfund Loan WWTP Plant Exp	\$ 415,000	\$ 130,000	\$ -	\$ 8,470	\$ 138,470	\$ 285,000
TIF DISRICT 6 TOTALS	\$ 415,000	\$ 130,000	\$ -	\$ 8,470	\$ 138,470	\$ 285,000

Description	Principal Balance 12/31/2017	2018 Principal Payments	2018 Escrow Interest	2018 Interest	2018 Total Principal & Interest	Principal Balance 12/31/2018
Tax Increment Finance Dist 8						
2009 GO Bonds	-	-	15,749	1,872	1,872	-
2013 A GO Bonds	85,000	85,000	-	638	85,638	-
2014A CDA Lease/Rev Bonds	9,950,000	1,350,000	-	179,378	1,529,378	8,600,000
2016B GO Notes	1,330,000	45,000	-	36,575	81,575	1,285,000
TIF DISRICT 8 TOTALS	\$ 11,365,000	\$ 1,480,000	\$ 15,749	\$ 218,462	\$ 1,698,462	\$ 9,885,000

Description	Principal Balance 12/31/2017	2018 Principal Payments	2018 Escrow Interest	2018 Interest	2018 Total Principal & Interest	Principal Balance 12/31/2018
Tax Increment Finance Dist 9						
2013 A GO Bonds	\$ 900,000	\$ 105,000	\$ -	\$ 16,688	\$ 121,688	\$ 795,000
2014B GO Notes	530,000	25,000	-	14,275	39,275	505,000
2014C Taxable GO Notes	4,165,000	200,000	-	124,475	324,475	3,965,000
TIF DISRICT 9 TOTALS	\$ 5,595,000	\$ 330,000	\$ -	\$ 155,438	\$ 485,438	\$ 5,265,000

Description	Principal Balance 12/31/2017	2018 Principal Payments	2018 Escrow Interest	2018 Interest	2018 Total Principal & Interest	Principal Balance 12/31/2018
Tax Increment Finance Dist 12						
2016B GO Notes	180,000	20,000	-	4,700	24,700	160,000
2017 State Trust Fund Loan (Est.)	3,904,536	394,321	-	67,152	461,473	3,510,215
TIF DISRICT 12 TOTALS	\$ 4,084,536	\$ 414,321	\$ -	\$ 71,852	\$ 486,173	\$ 3,670,215



CITY OF SUN PRAIRIE
2018 DEBT SERVICE REQUIREMENTS

Description	Principal Balance 12/31/2017	2018 Principal Payments	2018 Escrow Interest	2018 Interest	2018 Total Principal & Interest	Principal Balance 12/31/2018
Water Pollution Control Facility						
2005 Clean Water Fund Loan	\$ 7,546,214	\$ 867,933	\$ -	\$ 168,205	\$ 1,036,138	\$ 6,678,281
2009 GO Bonds	110,000	110,000	3,539	421	110,421	-
2014B GO Notes	235,000	30,000	-	5,625	35,625	205,000
2015A GO Notes	215,000	25,000	-	4,163	29,163	190,000
2016B GO Notes	440,000	35,000	-	11,825	46,825	405,000
2017B GO Bonds (est.)	1,580,000	70,000	-	30,039	100,039	1,510,000
WPCF TOTALS	\$ 10,126,214	\$ 1,137,933	\$ 3,539	\$ 220,277	\$ 1,358,210	\$ 8,988,281

Description	Principal Balance 12/31/2017	2018 Principal Payments	2018 Escrow Interest	2018 Interest	2018 Total Principal & Interest	Principal Balance 12/31/2018
Stormwater Utility						
2009 GO Bonds	\$ 105,000	\$ 105,000	\$ 3,627	\$ 431	\$ 105,431	\$ -
2013 A GO Bonds	225,000	35,000	-	4,063	39,063	190,000
2014B GO Notes	985,000	130,000	-	23,550	153,550	855,000
2015A GO Notes	465,000	55,000	-	8,975	63,975	410,000
2016A GO Bonds	5,450,000	255,000	-	154,338	409,338	5,195,000
2016B GO Bonds	120,000	-	-	3,600	3,600	120,000
2017B GO Bonds (est.)	3,320,000	150,000	-	63,062	213,062	3,170,000
STORMWATER TOTALS	\$ 10,670,000	\$ 730,000	\$ 3,627	\$ 258,018	\$ 988,018	\$ 9,940,000

Description	Principal Balance 12/31/2017	2018 Principal Payments	2018 Escrow Interest	2018 Interest	2018 Total Principal & Interest	Principal Balance 12/31/2018
Fleet Inservice Fund						
2015A GO Notes	\$ 140,000	\$ 15,000	\$ -	\$ 2,725	\$ 17,725	\$ 125,000
2016B GO Notes	1,060,000	130,000	-	27,350	157,350	930,000
2017A GO Notes	980,000	105,000	-	29,465	134,465	875,000
FLEET INSERVICE TOTAL	\$ 2,180,000	\$ 250,000	\$ -	\$ 59,540	\$ 309,540	\$ 1,930,000

Description	Principal Balance 12/31/2017	2018 Principal Payments	2018 Escrow Interest	2018 Interest	2018 Total Principal & Interest	Principal Balance 12/31/2018
Sun Prairie Utilities						
2008 Revenue Bonds	1,785,000	275,000	-	76,310	351,310	1,510,000
2012 Revenue Bonds	440,000	440,000	-	3,630	443,630	-
2012 Taxable Rev Refunding Bonds	2,315,000	130,000	-	60,395	190,395	2,185,000
2014 Revenue Bonds	2,900,000	100,000	-	107,490	207,490	2,800,000
2016A GO Bonds	5,450,000	255,000	-	154,338	409,338	5,195,000
SUN PRAIRIE UTILITIES TOTALS	\$ 12,890,000	\$ 1,200,000	\$ -	\$ 402,163	\$ 1,602,163	\$ 11,690,000

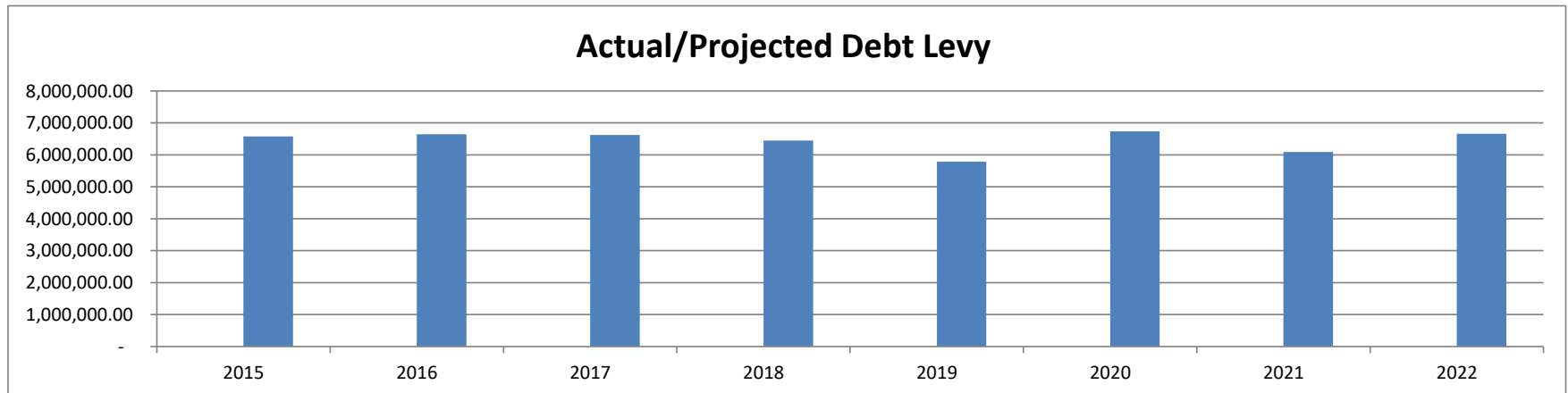
CITY OF SUN PRAIRIE TOTALS	\$ 86,038,225	\$ 11,630,994	\$ 101,615	\$ 2,049,743	\$ 13,680,737	\$ 74,407,231
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CITY OF SUN PRAIRIE
2018 DEBT SERVICE PROJECTIONS
Estimating a 0% Growth

	Actual 2015	Actual 2016	Actual 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Projected 2022
GO Debt Service - Existing	-	-	-	6,614,267	4,945,029	4,868,566	3,509,878	3,485,661
GO Debt Service - Projected	-	-	-	-	888,357	1,913,330	2,625,571	3,225,539
Non-Tax Revenues	-	-	-	(4,000)	(4,000)	(4,000)	(4,000)	(4,000)
Misc Revenues	-	-	-	(40,320)	(41,530)	(42,775)	(44,059)	(45,381)
Use of Fund Balance (Premium)	-	-	-	(118,262)	(1,533)	-	-	-
Actual/Projected Debt Levy	6,574,270	6,648,847	6,619,638	6,451,685	5,786,324	6,735,120	6,087,390	6,661,820
Projected Annual Debt Service Change (Y/Y)	248,162	74,577	(29,209)	(167,953)	(665,361)	948,796	(647,730)	574,430
Percent Change	3.92%	1.13%	-0.44%	-2.54%	-10.31%	16.40%	-9.62%	9.44%
Projected Debt Service Mill Rate	2.72	2.61	2.53	2.46	2.21	2.57	2.32	2.54
(Assessed value is projected with no increase)								

Estimated Cap Projects Borrowing	8,086,917	7,519,220	6,169,028	5,197,300	5,487,906
(Excluding TIF and Enterprise Funds)	(Projection uses level payments over 10 years)				





CITY OF SUN PRAIRIE
DEBT POLICY COMPLIANCE

DEBT LIMITATION
Wisconsin Statutes, Section 67.3, and Section III, Article XI, of the Wisconsin Constitution limit the City indebtedness to 5% of the equalized value of taxable property located within the City.

Tax Year	Actual								Estimated				
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Equalized Value	2,608,947,700	2,475,211,200	2,353,842,900	2,368,668,500	2,413,488,900	2,566,183,900	2,772,245,800	2,984,707,700	2,936,573,910	3,026,134,849	3,123,990,958	3,219,267,826	3,317,450,490
Available Debt by Statute	130,447,385	123,760,560	117,692,145	118,433,425	120,674,445	128,309,195	138,612,290	149,235,385	146,828,696	151,306,742	156,199,548	160,963,391	165,872,525
Total General Obligation Debt	57,565,980	51,038,170	49,295,803	50,039,345	45,958,692	43,582,650	53,112,875	58,843,879	86,148,825	85,849,899	88,115,329	84,368,147	82,171,164
% Debt Capacity Used	44.13%	41.24%	41.89%	42.25%	38.08%	33.97%	38.32%	39.43%	58.67%	56.74%	56.41%	52.41%	49.54%
Debt Policy Limit of 1.75% of Equalized Value													
Amount abated by Enterprise funds	1,875,000	1,680,000	1,485,000	1,650,000	3,120,000	4,154,000	13,999,000	16,330,000	28,356,870	26,770,032	31,066,925	28,504,000	27,430,000
	55,690,980	49,358,170	47,810,803	48,389,345	42,838,692	39,428,650	39,113,875	42,513,879	57,791,955	59,079,867	57,048,404	55,864,147	54,741,164
Debt Limit Per Policy (1.75%)	45,656,585	43,316,196	41,192,251	41,451,699	42,236,056	44,908,218	48,514,302	52,232,385	51,390,043	52,957,360	54,669,842	56,337,187	58,055,384
Capital Lease Revenue Bonds	22,540,000	21,300,000	20,130,000	18,865,000	15,990,695	14,223,562	12,361,797	9,950,000	8,600,000	7,230,000	5,840,000	4,430,000	2,990,000
Total Debt Unabated by Enterprise Funds	78,230,980	70,658,170	67,940,803	67,254,345	58,829,387	53,652,212	51,475,672	52,463,879	66,391,955	66,309,867	62,888,404	60,294,147	57,731,164
% Used	171.35%	163.12%	164.94%	162.25%	139.29%	119.47%	106.10%	100.44%	129.19%	125.21%	115.03%	107.02%	99.44%
Debt Policy Limit of less than 2017 Levy													
2017 Levy						6,619,638	6,619,638	6,619,638	6,619,638	6,619,638	6,619,638	6,619,638	6,619,638
Actual/Estimated Debt Levy						6,574,270	6,648,847	6,619,638	6,451,685	5,786,324	6,735,120	6,087,390	6,661,820
Estimated Under / (over)						45,368	(29,209)	-	167,953	833,314	(115,482)	532,248	(42,182)

(1)Note - Actual Debt does NOT include Utility Revenue Bonds
(2) 2017 Equalized Value estimate based on assessed value at 4/19/2017
(3) 2018-2022 Equalized Value estimate based on the average increase for the prior 4 years added to the prior year.
(4) Total Debt includes estimates from the CIP and the \$4,100,000 for the TIF 9 Incentive payment.
(5) Future borrowing assumes level principal payments.